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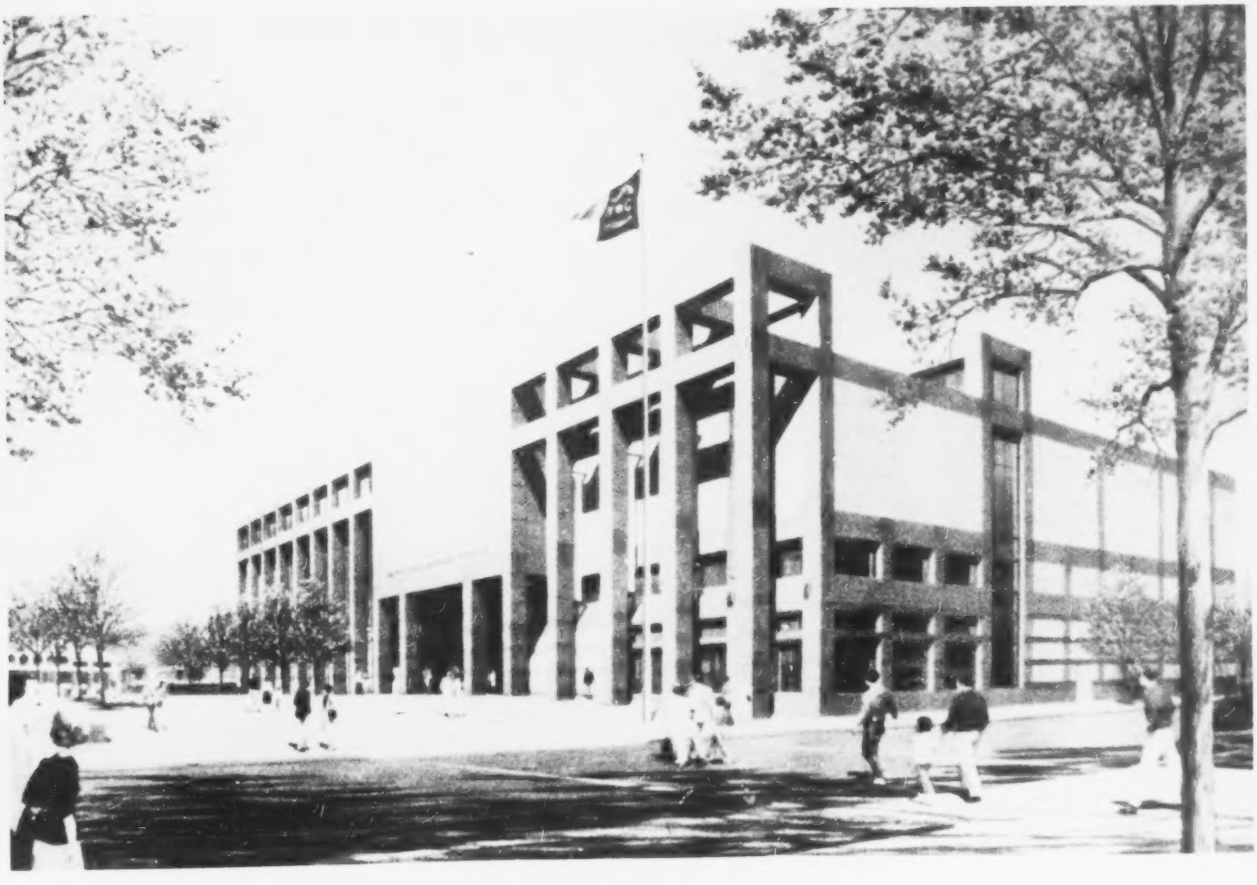
North Carolina VITAL STATISTICS 1989—Volume 1



MUSEUM OF HISTORY

DIVISION OF STATISTICS AND INFORMATION SERVICES

North Carolina Health Statistics Pocket Guide (Biennial):
Data for the U.S., South Atlantic Area, N.C. and N.C. counties are presented in tabular and narrative forms with more than 8,000 calculations depicting patterns of various needs indicators as well as births, deaths, abortions, diseases, immunizations, health care resources and other data from state and national reporting systems and surveys. This composite of information, contained in a compact foldout, will serve the needs of many if not most health data users.

North Carolina Vital Statistics, Volume 1: Population, Births, Deaths, Marriages, Divorces (Annual):
For the state and each Department of Environment, Health, and Natural Resources (DEHNR) region, Perinatal Care Region (PCR), county and major incorporated city, one-page tables summarize annual and 5-year data by race and selected variables. Maps, graphs and narrative describe geographical patterns and statewide trends.

North Carolina Vital Statistics, Volume 2: Leading Causes of Mortality (Annual):
For the state, DEHNR regions, and counties, cause-specific annual and 5-year data are given in the form of numbers of deaths, unadjusted death rates and age-race-sex-adjusted death rates. For each cause, maps depict 5-year adjusted and unadjusted county rates. Infant mortality and multiple conditions data are also tabulated and mapped.

Basic Automated Birth Yearbook, North Carolina Residents (Annual):
Known as the BABY BOOK, this statewide report is comprised of multiple cross-tabulations of various maternal and infant variables such as age, race, birth order, birth weight and number of prenatal visits. Data for DEHNR regions and counties are available on microfiche.

Detailed Mortality Statistics, North Carolina Residents (Annual):
This statewide report provides annual counts of deaths specific for detailed underlying cause of death (4 digits) and age-race-sex group. Data for counties are available on microfiche.

North Carolina Reported Pregnancies (Annual):
For the state, DEHNR regions, PCR's, and counties, annual estimates of pregnancy rates, live birth rates, abortion rates and abortion fractions by age and race are followed by one-page tables displaying counts of pregnancies (abortions, live births, and fetal deaths) by race and age for total and unmarried women. Maps, graphs and narrative describe geographical patterns and statewide trends.

North Carolina Communicable Disease Morbidity Statistics (Annual):
For the state, counties and four military bases, one-page tables display disease-specific counts for the current year and four prior years; current counts are race-specific. Tables, graphs and narrative describe statewide trends and age-race-sex patterns in reported cases and rates.

Cancer Incidence in North Carolina (Annual): This report summarizes statewide cancer incidence by site, sex, age, race, and stage in tabular, graphic, and narrative forms.

Local Health Department Facility and Staffing Report (Biennial): Facility-level data are compiled from health department surveys. Capacity of facilities, staffing levels, and expenditure data are provided.

CHES Studies (Intermittent):
Studies on health topics of current interest are presented in newsletter form.

CHES Primer (Intermittent):
Short tutorials on statistical methods are presented in newsletter form.

An Inventory of North Carolina Health Data (Intermittent):
This publication describes by subject-matter category reported health data sets existing in public and nonpublic agencies. Included in the description are the data set's location, the data collection interval, the smallest unit of analysis, whether computerized, and the name of a contact person.

North Carolina Chartbook on Population and Health (Intermittent):
This book provides graphs and charts depicting the characteristics of North Carolina's population, health care resources, health care and health status.

Hospital Summary Report, N.C. Health Facilities Data Book (Annual):
Facility-level data are compiled from the annual license application, including beds by type, services with frequency of use, hospital personnel, and utilization statistics by age by service; over 500 pages; cost varies by year.

Hospital Patient Origin Report, N.C. Health Facilities Data Book (Annual):
Facility- and county-level data are compiled from the annual license renewal application, including county patient origin for hospitals and hospital destination for county residents, by age and service; about 450 pages; cost varies by year.

Nursing Home Summary Report, N.C. Health Facilities Data Book (Annual):
Facility-level data are compiled from the annual license renewal application, including bed complement, utilization statistics, facility personnel, patient census by age and sex, yearly expenditures, and basic monthly charges; about 225 pages; cost varies by year.

North Carolina
VITAL STATISTICS
1989

VOLUME 1: Births
Deaths
Population
Marriages
Divorces

CHES

Center for Health and Environmental Statistics
Division of Statistics and Information Services
N.C. Department of Environment, Health, and Natural Resources

N.C. Department of Environment, Health, and Natural Resources
Division of Statistics and Information Services
Raleigh, North Carolina

STATE OF NORTH CAROLINA
James G. Martin, Governor

DEPARTMENT OF ENVIRONMENT, HEALTH, AND NATURAL RESOURCES
William W. Cobey, Jr., Secretary

December 1990

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COVER: A new Museum of History, under construction in downtown Raleigh, will include many amenities the present facility lacks. See note on the next page for details.

ON THE COVER

The new four-story Museum of History, located at the corner of Jones and Wilmington streets, will have 419,000 square feet of space: 172,000 for the museum and 247,000 for underground public parking. The museum will include 50,000 square feet of exhibit space, more than three times the present exhibit area; room for collections storage; a 300-seat auditorium; six classrooms; a modern research library; and conservation laboratories for textiles and objects. A restaurant and outdoor garden will be open to the public.

The construction budget is estimated at $28.2 million with $4.3 million from private and corporate donors, including the Cannon Foundation, the Daniels Foundation and more.

The museum will open in 1993, and the premiere exhibit on North Carolina women's history is scheduled to open in 1994. Public "topping off" ceremonies were held December 5, 1990.

I. INTRODUCTION

This volume is the seventy-fourth annual vital statistics report of the State of North Carolina. It is intended to serve as a basic resource to those individuals, institutions and agencies delivering and/or planning health services for the citizens of North Carolina.

The tables of this report show annual frequencies, annual rates and five-year rates for the state, seven regions of the Department of Environment, Health, and Natural Resources, six Perinatal Care Regions and the one hundred counties of North Carolina. In addition, annual frequencies and selected rates are shown for 43 major incorporated cities. Users of city data should be aware that annexations may account for small to substantial increases in population and reported vital events.

Trends in state data are described in Section II while Section III contains maps depicting county data. Sections IV-VII contain description and discussion of the terms and procedures underlying all tabular and graphical data presented. ***Users should note a change*** in the case of birth attendant. Beginning in 1989, permitted midwives are no longer tabulated since the provisions for these midwives were actually rescinded in 1983. Currently, only one lay midwife is approved for practice in North Carolina. Meanwhile, 1983 House Bill 814 regulates the practice of certified nurse-midwives. These practitioners must have certification by the American College of Nurse-Midwives.

In 1988, a number of new items were added to the live birth certificate and fetal death report. These largely pertain to medical conditions of the mother, labor/delivery, and the newborn and will be reported in future special and standard reports.

Since more detailed information is available on an annual basis than can be published here, other publications available through this office are described on the back of the front cover. Persons desiring copies of these publications may contact Information Services at (919) 733-4728, or address correspondence to:

Division of Statistics and Information Services
Department of Environment, Health, and Natural Resources
P.O. Box 27687
Raleigh, North Carolina 27611-7687

II. TRENDS IN VITAL STATISTICS

North Carolina's 1989 population and registered vital events reflect the following changes:

- — The birth rates for both whites and nonwhites continued to rise in 1989.
- — The percentage of North Carolina births classified as low-weight increased slightly for the second consecutive year.
- — The percentage of the state's live births that occurred out of wedlock continued its upward trend.
- — Fetal mortality rates for both whites and nonwhites declined slightly.
- — The white neonatal mortality rate declined while the nonwhite neonatal mortality rate rose slightly.
- — The nonwhite postneonatal mortality rate decreased substantially while the white postneonatal mortality rate also declined.
- — The infant death rate dropped nine percent due to substantial decreases in white neonatal and nonwhite postneonatal mortality.
- — The state's unadjusted death rate decreased in 1989 following an increase in 1988.

Expanded analyses of these and other trends are contained in this section. These analyses are based on annual vital event registrations and population bases applicable to July 1 of the event year. The population bases and inherent problems are described in Section VI where the reader may also glean some appreciation for biases in pre-1980 estimates arising from population undercounts. It should be noted that trend data and corresponding graphs have not been corrected for errors in pre-1980 population bases.

Graphs use the logarithmic scale. On this scale, equal distances represent equal percentage changes. This scale should not be confused with the arithmetic scale, where equal distances represent equal numeric changes. The logarithmic scale is used in this report so that the reader may compare relative (percentage) changes as opposed to numerical or absolute changes in a rate.

Trends depicted in the graphs are for North Carolina (N.C.), the United States (U.S.), and the South Atlantic Area (S.A.)*. Data for the U.S. and S.A. are from the National Center for Health Statistics, and U.S. and S.A. data for 1988 and 1989 are either provisional or not yet available.

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*Delaware, Maryland, Virginia, West Virginia, North Carolina, South Carolina, Georgia, Florida, and the District of Columbia.

POPULATION

North Carolina's population increased by nearly 16 percent during the 1970s, or approximately five percent faster than the national rate of growth. However, the rate of natural increase (excess of births over deaths) declined from 10.6 in 1970 to 6.1 in 1980. Consequently, nearly half of the overall 798,000 increase in population resulted from extensive in-migration during the past decade. (1)

North Carolina's population increased 11.4 percent during the period 1980-89. By state projections, the population is expected to reach 7.26 million by the year 2000 (2).

By 1980 North Carolina was the tenth most populous state and had the second largest rural population in the country (with Pennsylvania ranking number one). In fact, nearly 52 percent of the total population was rural—twice the corresponding proportion for the nation. (1)

By race, North Carolinians in 1980 were 76 percent white, 22 percent black, one percent American Indian, and 0.7 percent other races. North Carolina is one of only seven states in which blacks constitute more than one-fifth of the population. Our large Indian population also places us fifth in the total number of Native Americans. However, North Carolina's Hispanic population (which falls into several of the race categories) is relatively small when compared to the national average (approximately six percent). (1)

The median age in North Carolina rose from 26.5 in 1970 to 29.6 in 1980—slightly less than the 1980 United States median age of 30. This shift in the age composition of the state is particularly dramatic when one examines population by age group: the percentage of those under the age of 18 declined from 34.6 to 28.2, while the percentage of residents 65 and older rose from 8.1 to 10.3. In the United States, 11.2 percent of residents are 65 and older (1). Birth rate decreases, longer life expectancies, and migration into North Carolina have contributed to an increasingly older population in the 1980s. The increase in the state's elderly population was 17.4 percent over the five years from 1980 to 1985, the ninth highest increase in the country (3). From 1990 to 2010 the number of residents 65 and older is expected to increase about 45 percent; the number 85 and older is projected to grow by about 135 percent. As a result, the number of deaths statewide is expected to approximately equal births while the demand for in-home services and adult day care will continue to grow. (2)

Females represented 51.4 percent of the state's population in 1980 (4). The state's historically high female labor force participation rate (eighth highest in the United States) rose from 47 to 54 percent in the last decade. North Carolina also has the highest proportion of working mothers of any state. Sixty-five percent of resident mothers with children below age 18 are in the labor force; this figure compares with 55 percent nationally. Furthermore, three-quarters of North Carolina women versus 69 percent of United States women are full-time workers. (1)

Despite substantial gains, North Carolina still ranks among the poorest states when one uses family poverty and personal income statistics as determinants of wealth. The North Carolina poverty rate rose from 13.5 percent in 1979 to an estimated 14.1 percent in 1987 (5). United States poverty rates in those years were 11.7 and 13.5 percent respectively. North Carolina's disposable personal income per capita, at $12,259, was 87 percent of the national mark in 1988; 33 states ranked higher (6).

Educational attainment also remains below average in North Carolina: in 1980, only three other states had a lower percentage of high school graduates among persons 25 and older (4). However, North Carolinians are catching up. In 1970, 52 percent of United States citizens over age 24 had completed at least four years of high school while only 39 percent of North Carolinians had. By 1980, 66 percent of United States citizens were high school graduates, versus 55 percent of the state's residents. (1)

Other noteworthy 1980 census demographics related to health included increases in the following: nonfamily households (persons living alone or with nonrelatives), one-parent households, children in day care, and elderly in nursing homes. When combined with the demographic data previously mentioned, state population projections suggest that there will be an unprecedented demand for health services in the years ahead. (4)

TRENDS IN NORTH CAROLINA POPULATION CHARACTERISTICS
1940-1980

Percent of Total

	1940	1950	1960	1970	1980
AGE					
Under 18	39.3%	37.7%	39.0%	34.6%	28.2%
18-64	56.3	56.8	54.2	57.3	61.6
65 and over	4.4	5.6	6.9	8.1	10.3
RACE					
White	71.9	73.4	74.6	76.8	75.2 (b)
Nonwhite	28.1	26.6	25.4	23.2	24.2 (b)
RESIDENCE					
Urban	27.3	33.7 (a)	39.6	45.1	48.0
Rural	72.7	66.3 (a)	60.4	54.9	52.0

(a) Definition of "urban" changed in 1950 to include more areas as "urban."

(b) Between 1970 and 1980, differences in race classification occurred which served to decrease the category white and increase the category nonwhite. Also in censuses before 1980, enumerator judgement was often used to categorize race.

SOURCE: U.S. Department of Commerce, Bureau of the Census. N.C. Office of State Budget and Management, Research and Planning Services.

LIVE BIRTHS

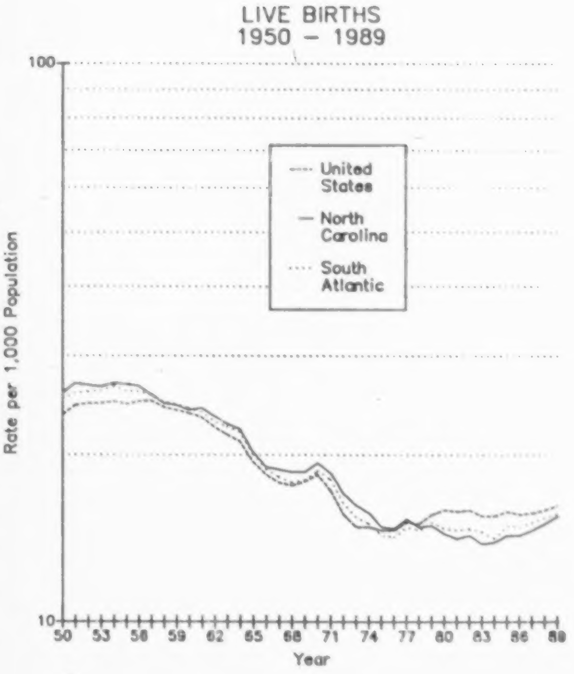
North Carolina's birth rate declined steadily from the mid 1950s to the early 1980s. The rate dropped from 26.8 in 1954 to 19.4 in 1970 and 14.4 in 1980. Similarly, the fertility rate (number of live births per 1,000 women aged 15-44) also fell, from 109.4 in 1950 to 88.7 in 1970, eventually declining to 60.4 in 1980.

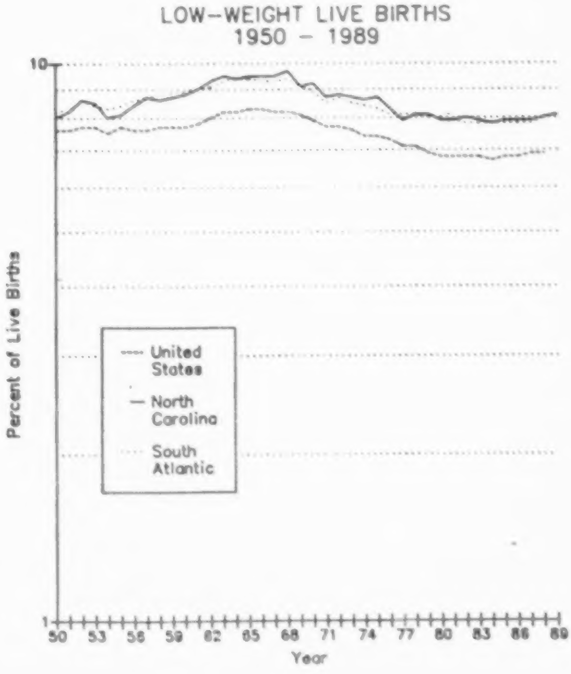
The birth rate rose modestly from 13.8 in 1983 to 14.3 in 1985 and 1986, continuing to 15.0 in 1988 and 15.5 in 1989. The higher United States birth rate rose from 15.7 in 1987 to a provisional figure of 16.2 in 1989 (7). The increase in the rate has been evident in every age group, but has been more marked in women over 30.

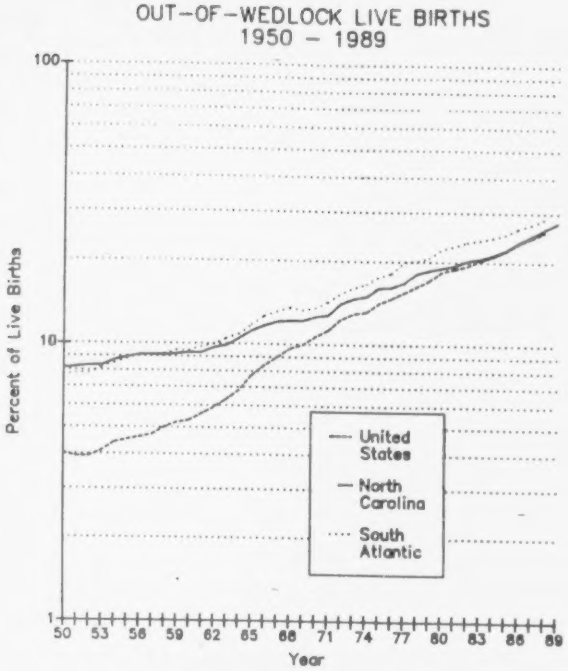
The North Carolina live birth rate for nonwhites remained unchanged from 1983 to 1985 (17.5) and rose in each successive year to 21.2 in 1989. The birth rate for whites has also increased, from 12.6 in 1983 to 13.2 in 1985, increasing to 13.4 in 1988 and 13.7 in 1989.

The overwhelming majority of babies born to North Carolinians in 1989 (98.0 percent) were delivered by a physician in a hospital. This percentage has remained fairly constant throughout the eighties. The percentage of babies delivered by certified nurse-midwives has also remained fairly constant, hovering between 1.4 and 1.6 over the past five years.

The percentage of North Carolina live births classified as low-weight (labeled "premature" in this volume) — 5 pounds, 8 ounces or less — increased from 7.9 in 1987 to 8.0 in 1988 and 8.1 in 1989. This figure is significantly higher than the U.S. 1988 percentage of 6.9. In fact, only six states had higher rates of low birthweight (8). The nonwhite rate of low birthweight is more than twice the white rate in North Carolina.







North Carolina live births occurring out of wedlock continued to increase, reaching 27.7 percent in 1989. Only 19 years ago, in 1970, 12.6 percent of births were to unwed women. In 1975 the percentage had risen to 16.1, and by 1980 it had reached 19.0. By race, the percentage of white live births that occurred out of wedlock more than tripled from 1970 to 1989. In 1970 the percentage was only 3.8, rising to 4.5 in 1975, 6.4 in 1980, and 12.5 in 1989. Corresponding percentages for nonwhites were 33.9 in 1970, 40.6 in 1975, 45.6 in 1980, and 58.7 in 1989.

The United States has also shown a steady rise in the percentage of live births occurring out of wedlock, with 25.7 percent of its births so classified in 1988 (8). The white percentage was 17.7 and the nonwhite percentage, 53.9. The National Center for Health Statistics explains the rapid rise in the number and percentage of births to unmarried women by noting increases in both the birth rate for unmarried women and the number of unmarried women of childbearing age. High divorce rates and the widespread tendency to delay marriage to increasingly older ages have both contributed to the growth of the unmarried female population.

Live births to teenage mothers, a continuing concern in North Carolina, have been declining in recent years. Women ages 19 and under gave birth to 19.2 percent of babies in 1980, compared to 16.3 percent in 1989. Although the general trend is downward, North Carolina is still above the United States percentage of 12.5 in 1988 (8).

In contrast, live births to mothers 35 and older have been going up in recent years. The percentage of live births attributed to women 35 and older was 6.3 in 1989, up from 5.8 in 1988 and significantly higher than the 1980 percentage of 3.6. The corresponding United States percentage in 1988 was higher still, however, at 7.9 (8).

Seven maternal characteristics recorded on the birth certificate are known to be positively associated with increased rates of infant mortality: (1) being younger than age 18 or (2) older than 35; (3) possessing less than a high school education; (4) giving birth out of wedlock; and (5-7) having a history of either four or more previous pregnancies, a fetal death, or a previous liveborn infant who died. The percentage of mothers having at least one of these risk characteristics rose in each of the last three years for a combined increase of 10.3 percent between 1986 and 1989. Higher percentages of women in categories 2, 4, and 5-7 contributed to the increase in combined maternal risk. However, birth certificate changes in 1988 may render invalid strict comparisons to 1987 or earlier years. The number of previous fetal deaths now may include induced abortions whereas formerly it did not.

By race, the percentages of women having at least one of the maternal risk factors in 1988 were 48 for whites, 79 for blacks, 70 for American Indians, and 44 for other races. Race-specific percentages for 1989 are not yet available.

The percentage of women having no prenatal care continued to increase, rising 12.5 percent to 1.8 in 1989. The percentage for white mothers remained unchanged at 0.9 while that for nonwhite mothers rose 16.1 percent to 3.6.

PERINATAL AND INFANT MORTALITY

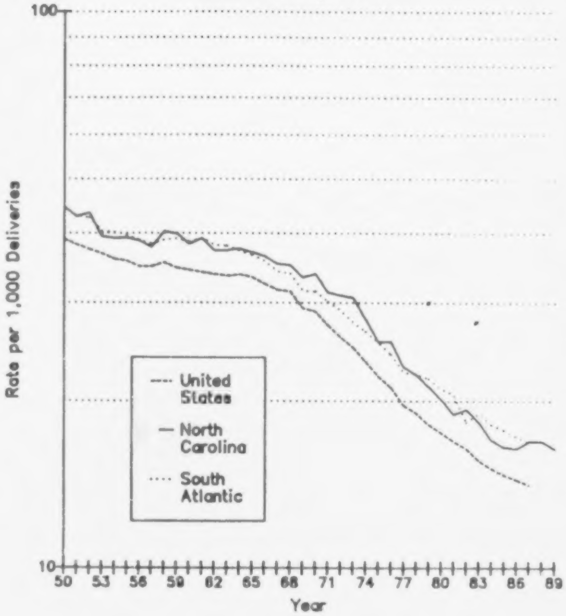
North Carolina's perinatal mortality rate (fetal and neonatal deaths per 1,000 deliveries) has declined sharply, falling from 33.8 in 1970, to 25.5 in 1975, and then to 20.1 in 1980. The decrease appears to have stalled in recent years, however, the rate dipping from 17.0 in 1984 to 16.4 in 1986, then rising to 16.9 in both 1987 and 1988 before falling to 16.4 in 1989. The 1987 U.S. perinatal rate was 14.1 (9).

The fetal death rate, as one component of the perinatal rate, also declined rapidly from the early 1970s, but leveled off during the 1985-89 period. A rate of 8.6 in the first of these five years remained essentially unchanged by 1989, moving to 8.7. A comparison of fetal death rates by race reveals that reductions have been more rapid for whites than for nonwhites during the past several decades. The U.S. fetal mortality rate was 7.6 in 1987 (9).

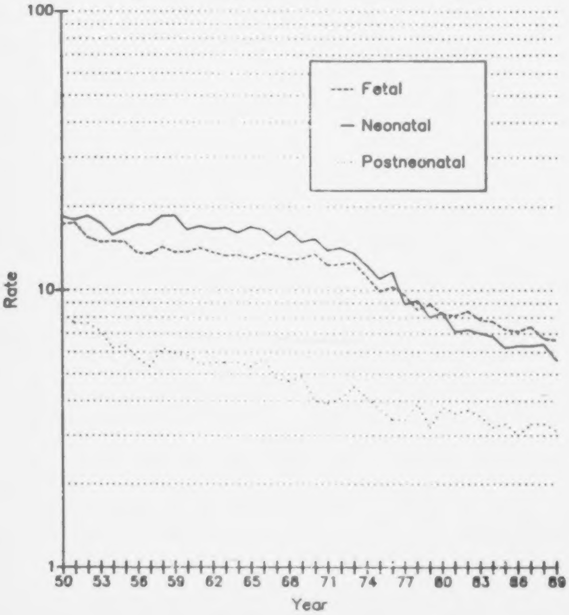
In 1989, 42.6 percent of fetal deaths, compared to 27.7 percent of live births, were to unmarried mothers. Each of these percentages was more than 20 percent higher than in 1985.

North Carolina's neonatal mortality rate vacillated between 7.7 and 8.3 during the 1985-89 period. The drop from 8.3 in 1987 to 7.7 in 1989 involved a decline for nonwhites in 1988 and for whites in 1989. The U.S. neonatal death rate was 6.5 in 1987 (9) with a provisional estimate of 6.3 for 1989 (7).

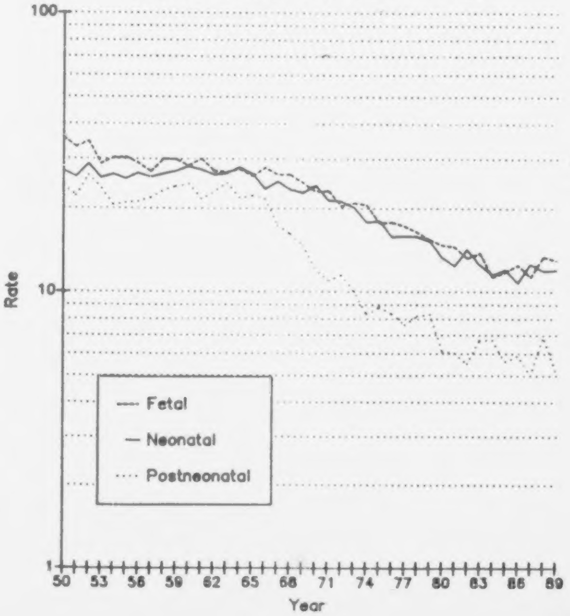
PERINATAL MORTALITY
1950 – 1989



WHITE MORTALITY
NORTH CAROLINA, 1950 – 1989



NONWHITE MORTALITY
NORTH CAROLINA, 1950 – 1989

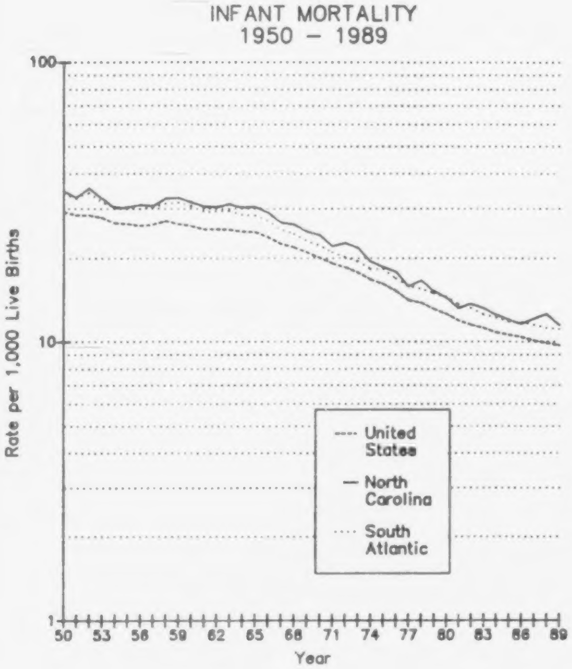


From 1970 to 1982, North Carolina's nonwhite postneonatal mortality declined markedly, falling 54 percent in the twelve years. The white rate dropped less dramatically — only 7.5 percent over the same period. In fact, the white rate continued to vary little during the 1985-89 period, beginning at 3.3 and ending at 3.1. In 1988 the nonwhite rate was at its highest point in the five-year period, rising substantially from 1987's 5.0 to a 1988 level of 6.9 before falling to 5.1 in 1989.

Both races have exhibited increased rates of postneonatal mortality among very small infants (under 1,500 grams at birth) during the last decade. The U.S. 1987 postneonatal mortality rate of 3.6 (10) compares to North Carolina's rate of 4.5 for these very small infants.

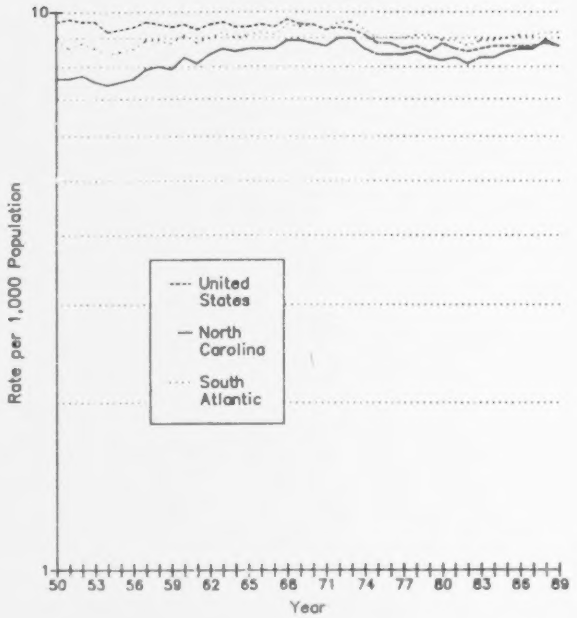
The state's infant mortality rate fell substantially from 1970 to 1986, mirroring the trend in other mortality rates. The infant mortality rate was 24.1 in 1970, 18.5 in 1975, 14.4 in 1980, dropping further to 11.6 in 1986. The percentage of low-birthweight babies delivered in hospitals with newborn intensive care units doubled during this period with the assistance of the state's Perinatal Care Program, contributing significantly to the reduction in the infant mortality rate. However, the infant mortality rate rose to 12.1 in 1987 and then to 12.6 in 1988 before falling to 11.5 in 1989. The 1989 downturn involved a 26 percent drop in the nonwhite postneonatal rate which had spiked in 1988 due to an increased incidence of Sudden Infant Death Syndrome (SIDS).

The provisional United States rate of infant mortality for 1988 was 9.9. Only the District of Columbia had a rate exceeding North Carolina's. In 1989, the provisional U.S. infant death rate was 9.7. (7)



DEATHS

TOTAL MORTALITY
1950 - 1989



Despite an aging population, the total number of deaths actually declined slightly in 1989, and the unadjusted death rate dropped from 8.9 per 1,000 population to 8.7. While the 1988 figure was the highest point in the five-year period, it was still below the peak rate of 9.1 experienced in 1972 and 1973. The 1989 provisional United States unadjusted death rate was the same as North Carolina's at 8.7 (7). However, the state's age-adjusted death rate is higher than the nation's. The reader is referred to the publication *Leading Causes of Mortality* for a discussion of the state's higher age-adjusted mortality.

Unadjusted death rates rose for each North Carolina race-sex group from 1987 to 1988 and declined for all but nonwhite females between 1988 and 1989. The 1989 median age at death in North Carolina was 72.8, down slightly from 72.9 in 1988. This compares to 72.6 in 1987, 69.9 in 1980, 66.4 in 1970, and 28.1 in 1914, the first year of centrally recorded deaths. Mortality rates fell from 1988 to 1989 for age groups 0-4, 35-44, 55-64, and 65 and over.

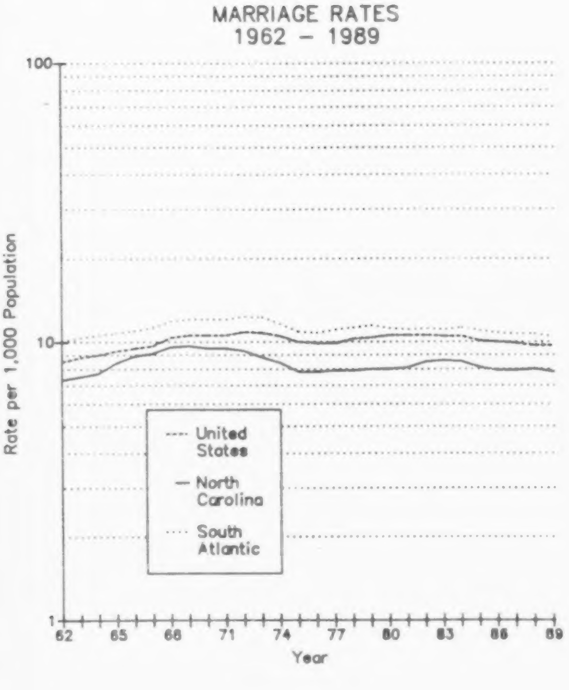
Additional inspection of the 1989 resident death data reveals that males exhibit higher rates of death than do females and nonwhites experience higher death rates than whites. Other annual publications available from this office (*Leading Causes of Mortality* and *Detailed Mortality Statistics*) provide cause-specific mortality statistics in age-race-sex-adjusted and age-race-sex-specific detail.

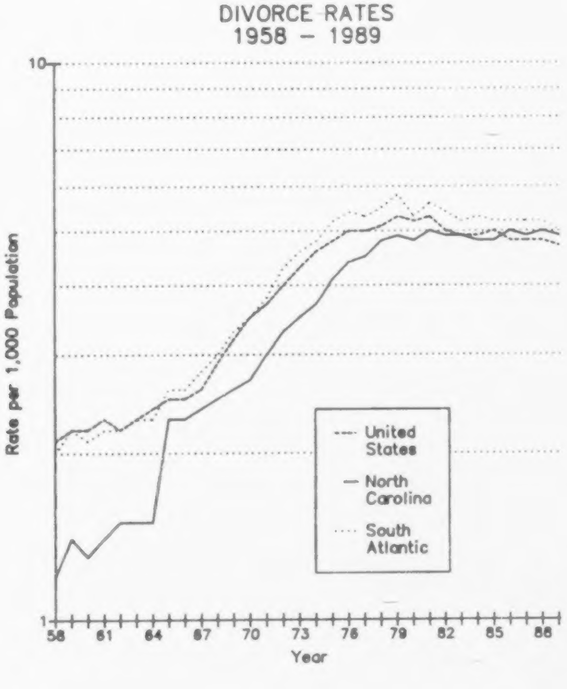
MARRIAGES AND DIVORCES

North Carolina's marriage rate (marriages per 1,000 residents) dropped to 7.8 in 1989 following several years of hovering around the 8.0 level. June continued to be the most popular month for weddings in 1989, with 6,018 marriage certificates issued. For 64 percent of brides and 65 percent of grooms, the 1989 occurrences represented a first marriage.

North Carolina's divorce rate (divorces per 1,000 residents) increased sharply after 1970, when there were only 2.7 divorces per 1,000 residents, to a 1980 rate of 4.8. The divorce rate has stayed relatively stable since that time, however, ending at 4.9 in 1989. Stated differently, for every 100 marriages in 1989 there were 63 divorces, while in 1970, there were only 28 divorces per 100 marriages. Earlier still, when marriages were first centrally recorded in 1962, only 20 couples divorced for every 100 who married in North Carolina. In 1989, 50.0 percent of divorces indicated that the parties were parents of at least one child under age 18. This figure is lower than the 53.4 percent in 1980 and the 56.7 percent in 1975.

The provisional U.S. 1989 marriage and divorce rates were 9.7 and 4.7 respectively (7). North Carolina's lower marriage rate may be an indication that our state laws, which are relatively restrictive, have caused residents to marry out-of-state more often than nonresidents marry here. Marriage and divorce counts are by place of occurrence rather than residence. North Carolina divorce laws are also relatively restrictive, perhaps making the state's divorce rate lower than it otherwise would be.


MARRIAGE RATES
1962 – 1989


DIVORCE RATES
1958 – 1989

III. GEOGRAPHICAL PATTERNS IN VITAL STATISTICS

This section contains ten computer-produced maps which depict population and selected vital statistics for the state's 100 counties. Data and population bases for the vital statistics rates are for the five-year period 1985-89. The range of data values indicated by the map legend was formed by a clustering routine from the Statistical Analysis System (11). This routine groups into five clusters counties that were "most like each other" with respect to the statistic being examined. This procedure may result in very large or very small groups depending upon how counties differ from one another.

The ten maps display the county statistics listed below. Definitions and formulas are found in Section VII and maps displaying county names are printed on the reverse sides of region and county divider sheets. It should be noted that marriage rates are not mapped because an overwhelming majority of the rates are "too much like each other."

FIGURE

1. Estimated Population, July 1989
2. Live Births per 1,000 Population
3. Premature Live Births per 100 Live Births
4. Out-of-Wedlock Live Births per 100 Live Births
5. Fetal Deaths per 1,000 Deliveries
6. Neonatal Deaths per 1,000 Live Births
7. Postneonatal Deaths per 1,000 Neonatal Survivors
8. Infant Deaths per 1,000 Live Births
9. Deaths per 1,000 Population
10. Divorces per 1,000 Population

Although the vital statistics rates exhibited on the maps are five-year rates, caution should be exercised when interpreting relatively high rates in sparsely populated counties. These counties usually have a small number of events which creates a very unstable rate. Readers are urged to consult their respective county tables for the 1989 numbers involved before becoming alarmed at relatively high county-level rates.

POPULATION

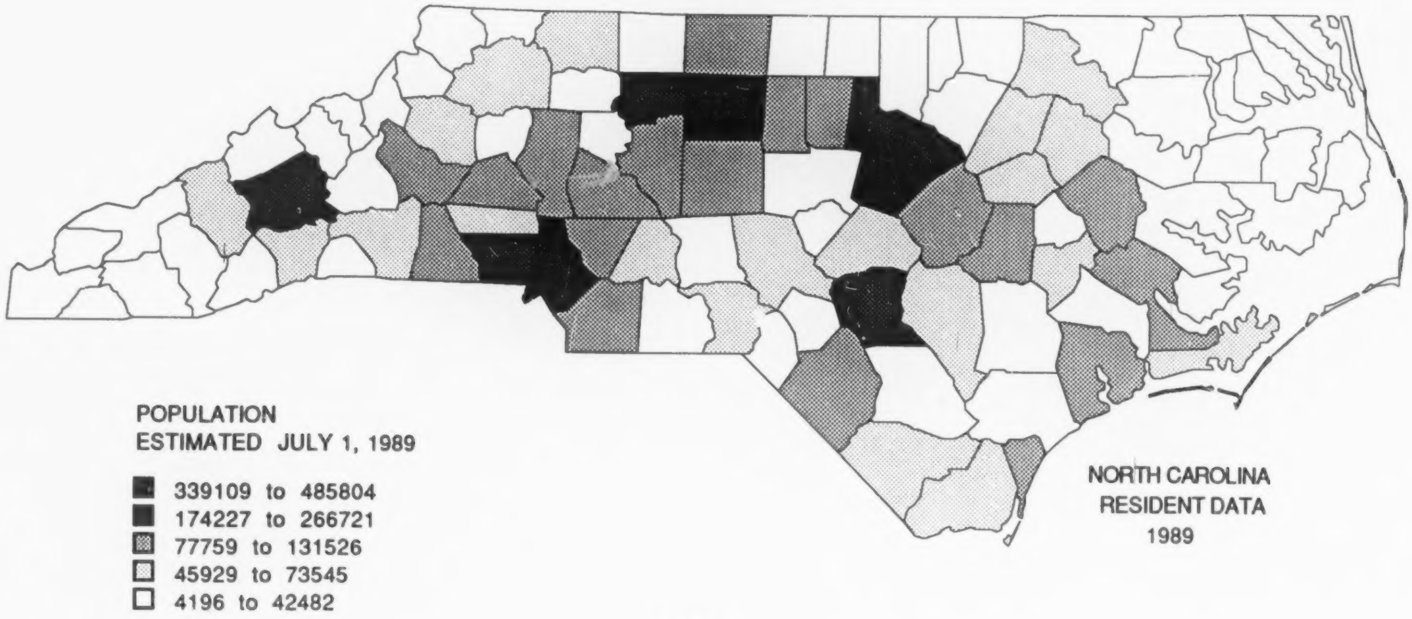

POPULATION
ESTIMATED JULY 1, 1989
■ 339109 to 485804
■ 174227 to 266721
▨ 77759 to 131526
▨ 45929 to 73545
□ 4196 to 42482
NORTH CAROLINA
RESIDENT DATA
1989

FIGURE 1

BIRTH RATES

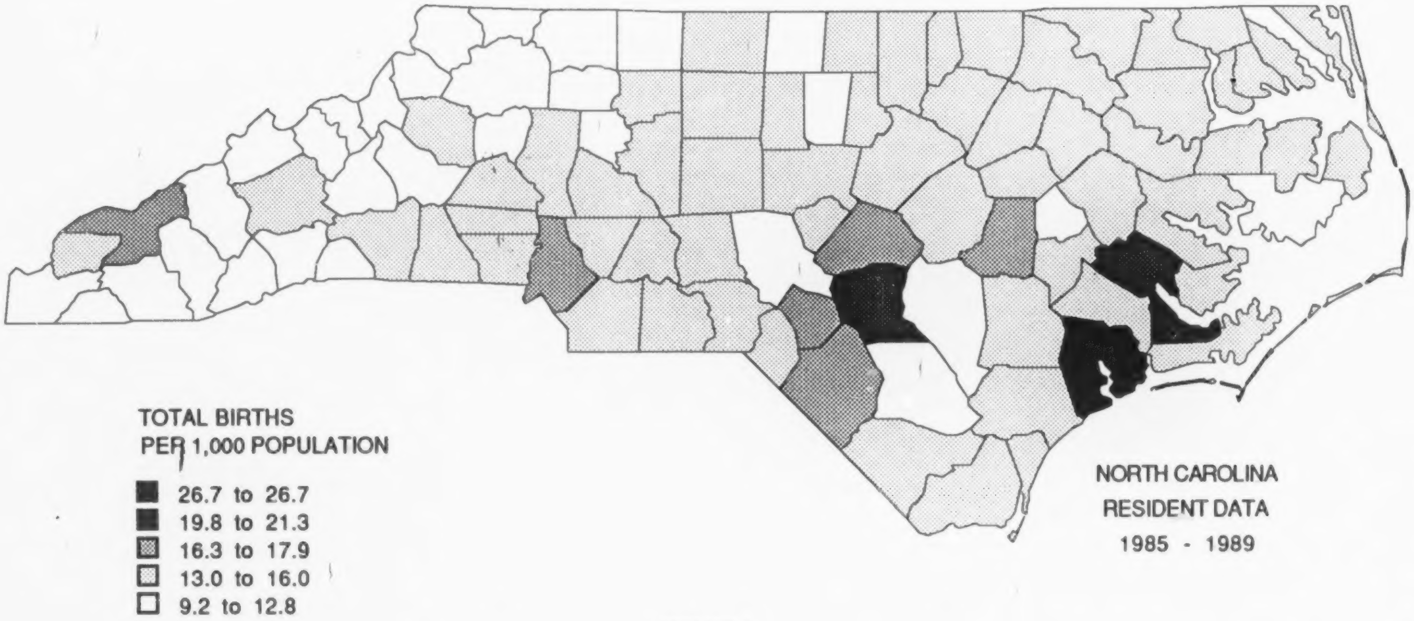

TOTAL BIRTHS
PER 1,000 POPULATION
■ 26.7 to 26.7
■ 19.8 to 21.3
▩ 16.3 to 17.9
▨ 13.0 to 16.0
□ 9.2 to 12.8
NORTH CAROLINA
RESIDENT DATA
1985 - 1989

FIGURE 2

PREMATURE BIRTH RATES

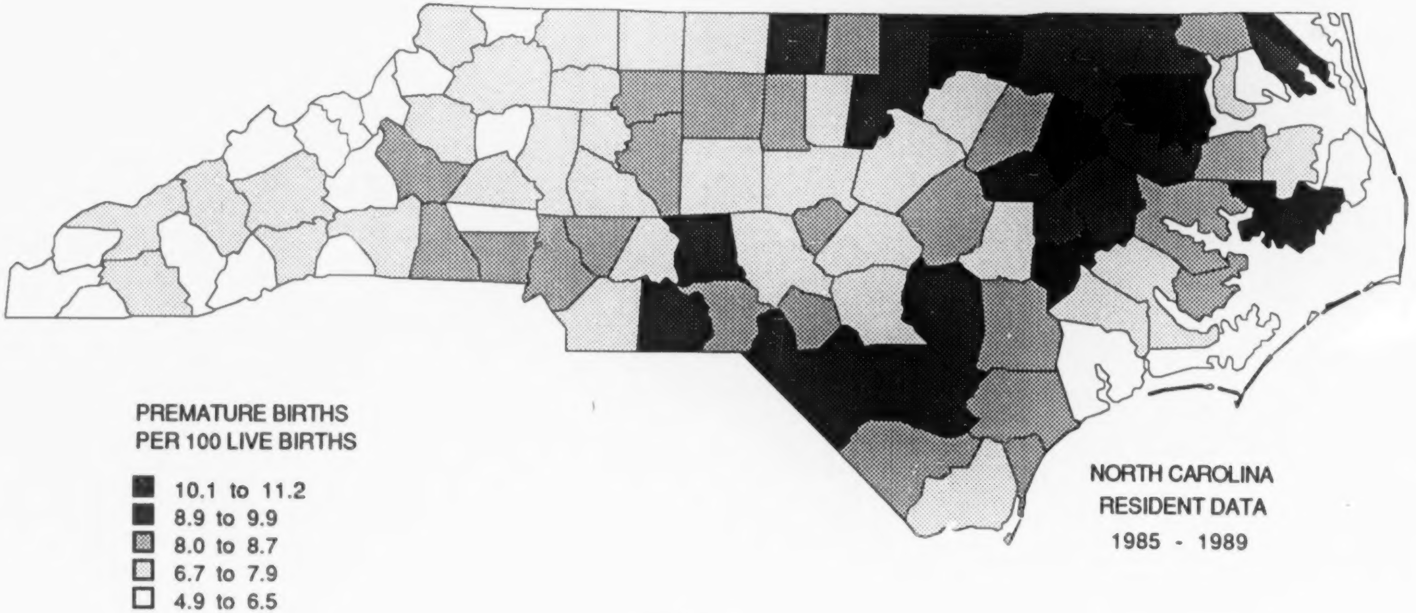

PREMATURE BIRTHS
PER 100 LIVE BIRTHS
■ 10.1 to 11.2
■ 8.9 to 9.9
▨ 8.0 to 8.7
☐ 6.7 to 7.9
☐ 4.9 to 6.5
NORTH CAROLINA
RESIDENT DATA
1985 - 1989

FIGURE 3

OUT-OF-WEDLOCK BIRTH RATES

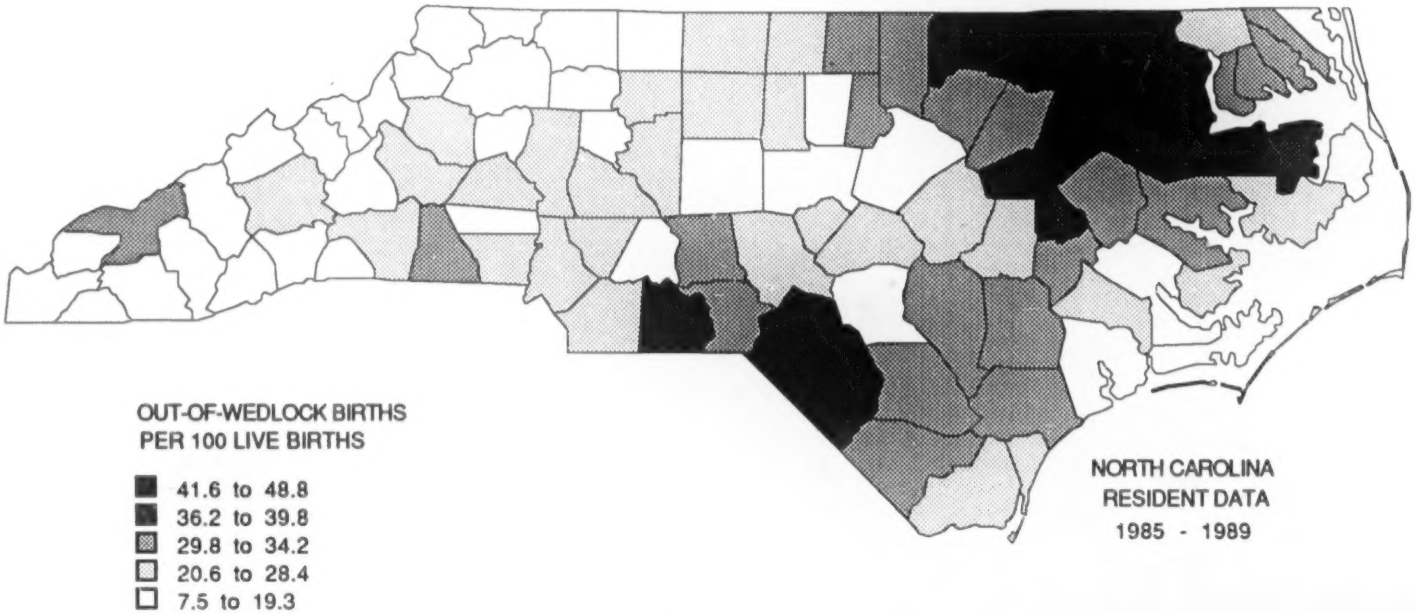
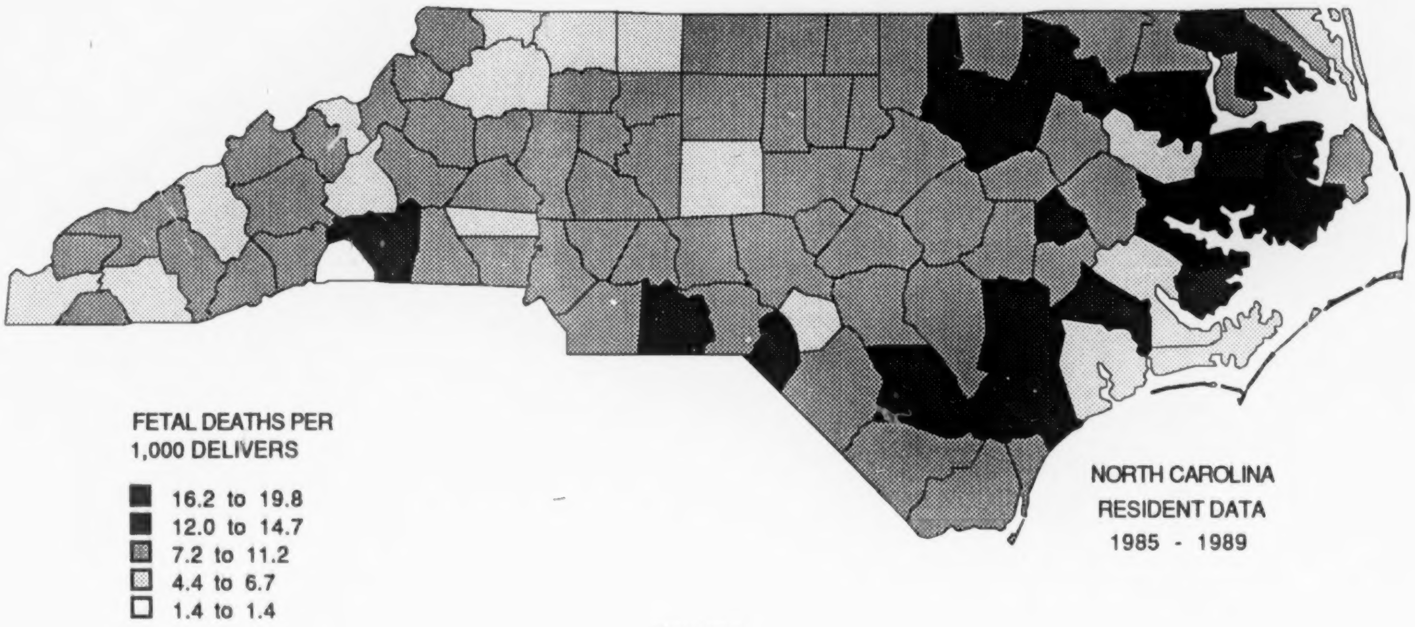

OUT-OF-WEDLOCK BIRTHS PER 100 LIVE BIRTHS
41.6 to 48.8
36.2 to 39.8
29.8 to 34.2
20.6 to 28.4
7.5 to 19.3
NORTH CAROLINA
RESIDENT DATA
1985 - 1989

FIGURE 4



FETAL DEATH RATES

FETAL DEATHS PER
1,000 DELIVERS
■ 16.2 to 19.8
■ 12.0 to 14.7
▨ 7.2 to 11.2
▨ 4.4 to 6.7
☐ 1.4 to 1.4
NORTH CAROLINA
RESIDENT DATA
1985 - 1989

FIGURE 5

NEONATAL DEATH RATES

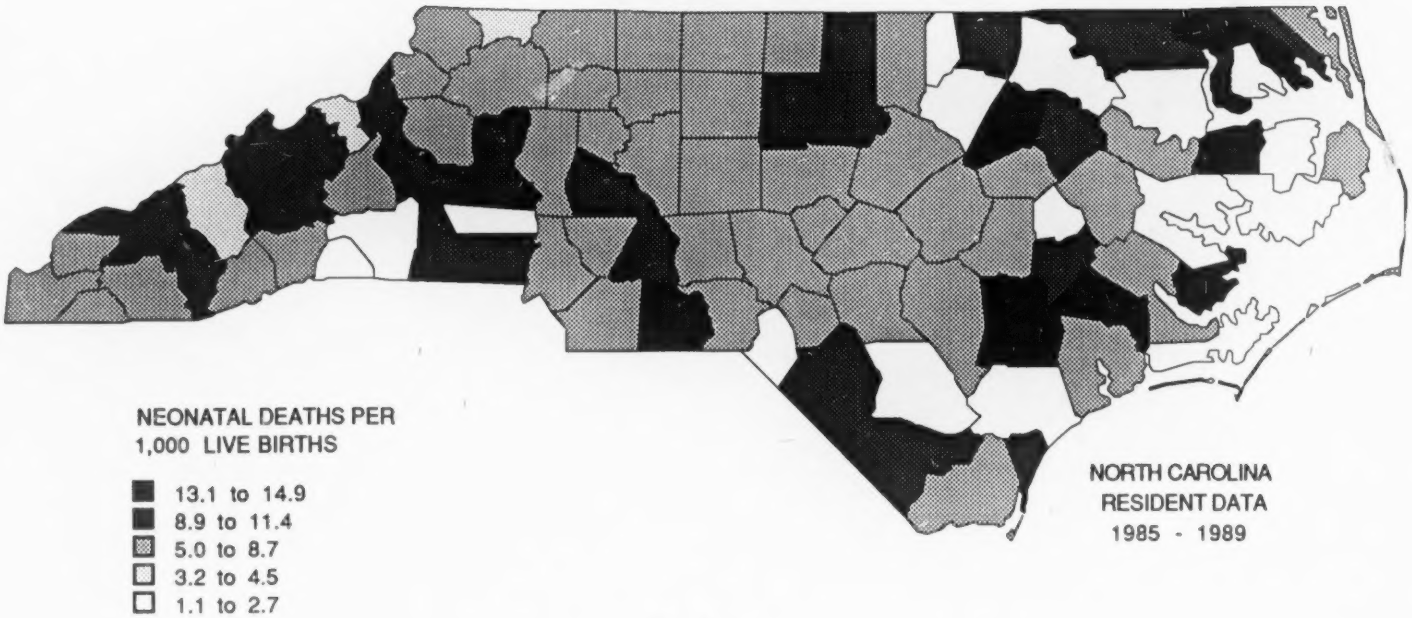

NEONATAL DEATHS PER
1,000 LIVE BIRTHS
■ 13.1 to 14.9
■ 8.9 to 11.4
▨ 5.0 to 8.7
▒ 3.2 to 4.5
☐ 1.1 to 2.7
NORTH CAROLINA
RESIDENT DATA
1985 - 1989

FIGURE 6

POSTNEONATAL DEATH RATES

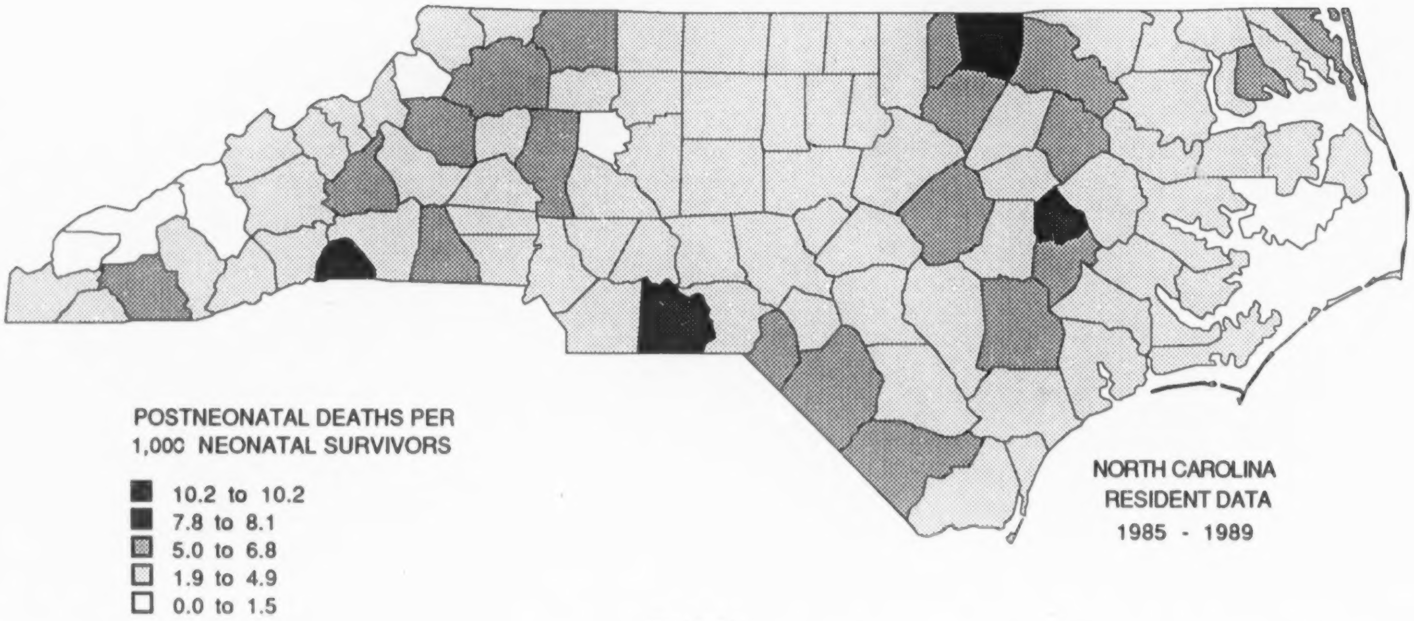

POSTNEONATAL DEATHS PER
1,000 NEONATAL SURVIVORS
■ 10.2 to 10.2
■ 7.8 to 8.1
▨ 5.0 to 6.8
▤ 1.9 to 4.9
□ 0.0 to 1.5
NORTH CAROLINA
RESIDENT DATA
1985 - 1989

FIGURE 7

INFANT DEATH RATES

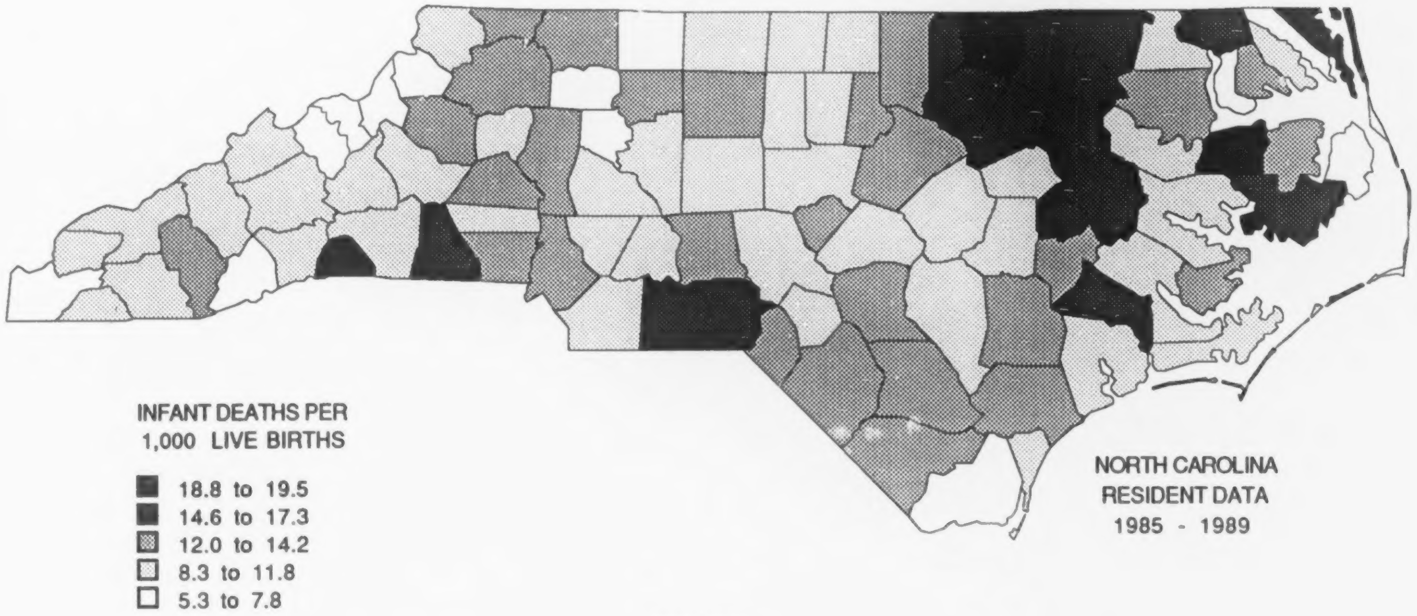
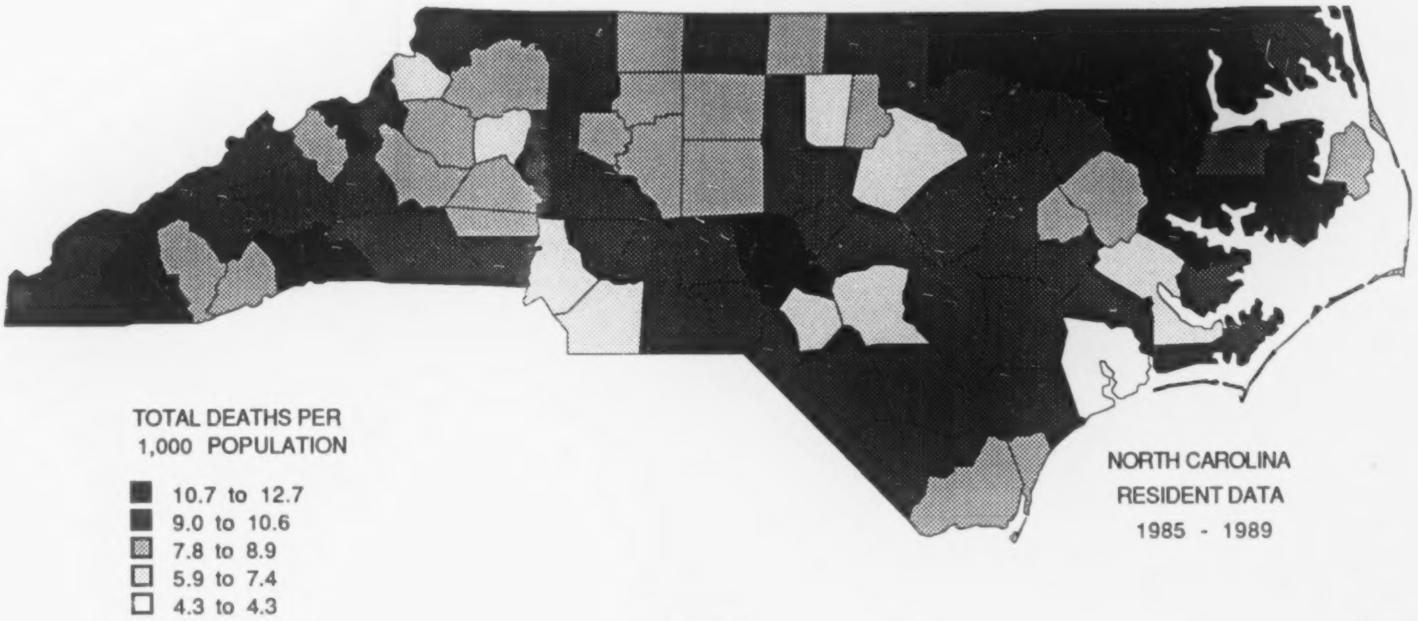

INFANT DEATHS PER
1,000 LIVE BIRTHS
18.8 to 19.5
14.6 to 17.3
12.0 to 14.2
8.3 to 11.8
5.3 to 7.8
NORTH CAROLINA
RESIDENT DATA
1985 - 1989

FIGURE 8

DEATH RATES



TOTAL DEATHS PER
1,000 POPULATION
■ 10.7 to 12.7
■ 9.0 to 10.6
▨ 7.8 to 8.9
▢ 5.9 to 7.4
☐ 4.3 to 4.3
NORTH CAROLINA
RESIDENT DATA
1985 - 1989

FIGURE 9

DIVORCE RATES

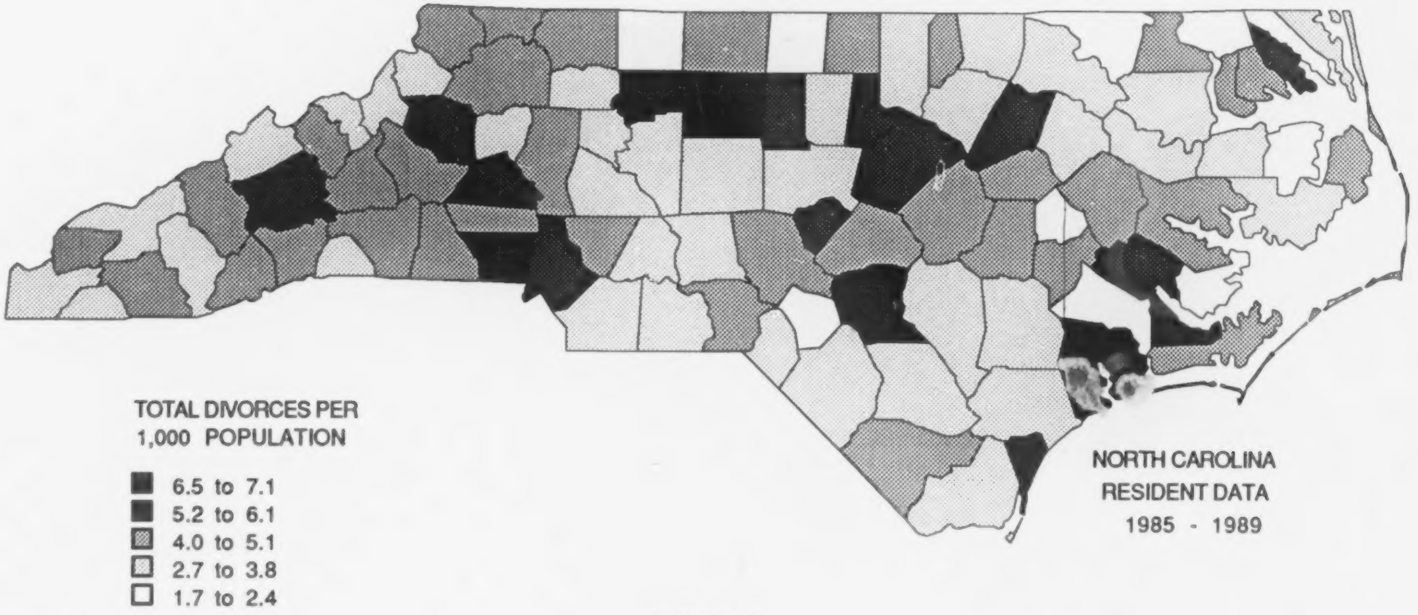

TOTAL DIVORCES PER
1,000 POPULATION
■ 6.5 to 7.1
■ 5.2 to 6.1
▨ 4.0 to 5.1
▨ 2.7 to 3.8
☐ 1.7 to 2.4
NORTH CAROLINA
RESIDENT DATA
1985 - 1989

FIGURE 10

IV. REGISTRATION OF VITAL EVENTS

The origin, flow and disposition of North Carolina vital records are illustrated in the flow diagram on the following page, and a brief history of vital records processing and of current registration practice in North Carolina are discussed below. The user of this report should note, however, that some of the information given was changed by the recodification of public health laws effective January 1, 1984.

The Bureau of Vital Statistics was created by an act of the General Assembly in 1913. The Vital Statistics office became a part of the Department of Human Resources in 1973. In 1989 the General Assembly combined the Department of Human Resources' Division of Health Services and the environmental and natural resources divisions of the Department of Natural Resources and Community Development to create the new Department of Environment, Health, and Natural Resources. The public health authority of this department and the laws which it administers are contained in Chapter 130A, Article 4, of the General Statutes of North Carolina. Within the organizational structure of the Department of Environment, Health, and Natural Resources, the State Registrar of Vital Statistics is appointed by the State Health Director. Duties of the State Registrar are accomplished primarily by the Vital Records Section with support from the Center for Health and Environmental Statistics.

Birth and Death

The collection of birth and death records began on October 1, 1913. The Department of Environment, Health, and Natural Resources is the custodian of these records. The hospital administrator or person attending a non-hospital delivery is required to file a birth certificate or fetal death report within ten days after delivery. The funeral director or person burying a body is responsible for filing a death certificate with the local registrar within 5 days after death.

The local registrar is the county health director. A clerk of the county health department, designated by the local registrar as deputy registrar, carries out registration procedures locally. The deputy registrar forwards the original birth and death certificates to the Department of Environment, Health, and Natural Resources on the fifth day of the month following the event, where they are processed and permanently preserved. Microfilmed copies and computerized data from birth and death certificates are sent to the National Center for Health Statistics.

North Carolina was admitted into the National Death Registration Area in 1916 and into the National Birth Registration Area in 1917.

Fetal Death

North Carolina law requires the filing of a fetal death report for fetal deaths (stillbirths) of 20 or more weeks gestation. Legislation enacted by the 1971 General Assembly and altered by subsequent legislation (G.S. 14-45.1) requires that therapeutic abortions be reported separately, effective May 19, 1971. Thus, the therapeutic abortion report form now serves in lieu of a fetal death report for abortions occurring at 20 or more weeks gestation. For this reason, counts of fetal deaths and perinatal deaths since 1971 are not strictly comparable to counts in previous years.

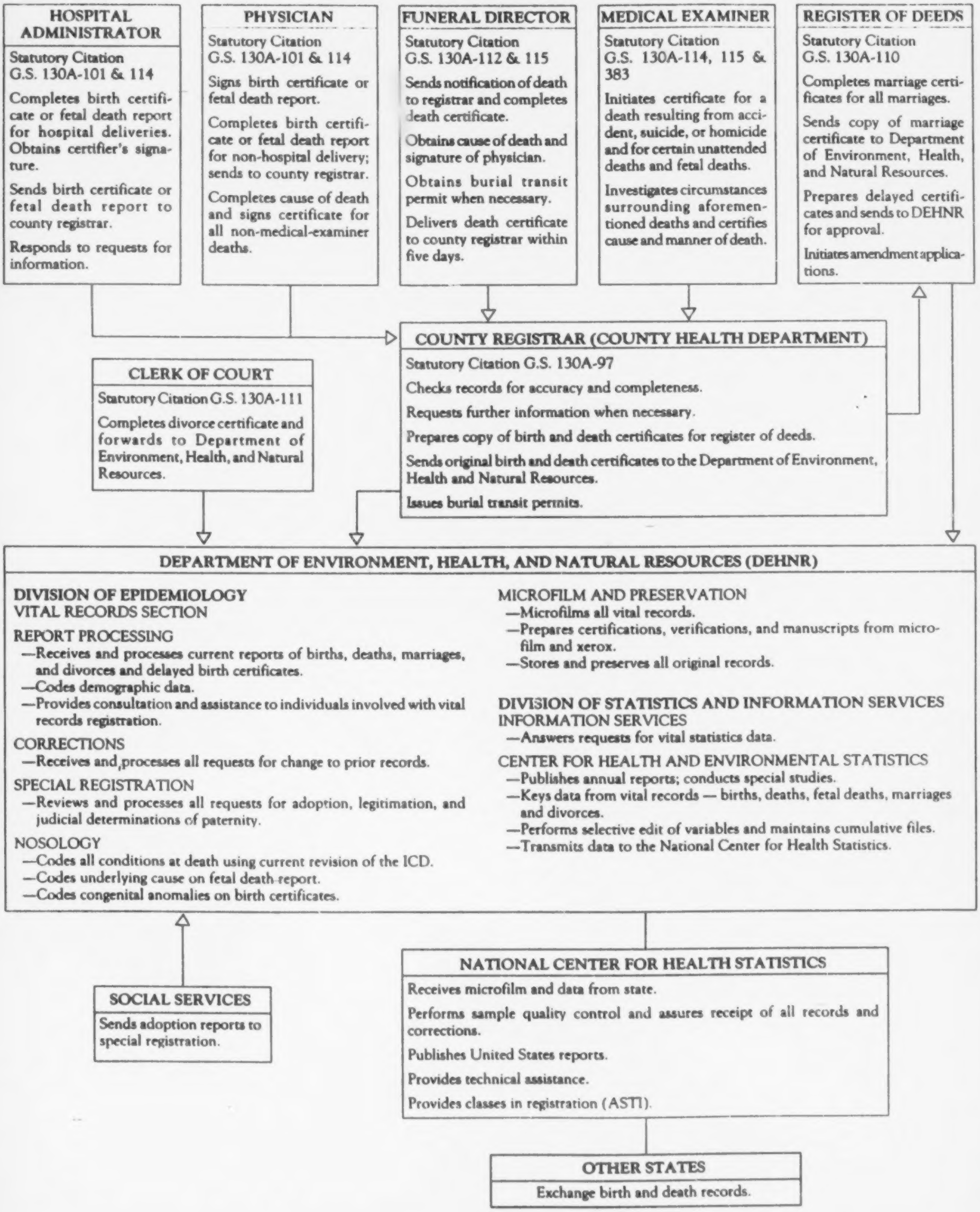
Marriage and Divorce

In 1957, the General Assembly enacted legislation requiring that the duties of the clerk of court include the registration of divorces and annulments of marriage effective January 1, 1958. Certificates of divorce and annulments are required to be sent to the Department of Environment, Health, and Natural Resources on or before the 15th day of the month following the event. The filing of certificates of divorce rather than divorce listings was implemented January 1, 1984 following legislation in 1983.

By virtue of legislation enacted in 1961, the duties of the county register of deeds include the registration of marriages occurring on or after January 1, 1962. Copies of the certificates of marriage are required to be forwarded to the Department of Environment, Health, and Natural Resources on or before the 15th day of the month following the marriage. The original certificates are filed with the county register of deeds.

In January 1964, North Carolina was admitted to the National Marriage Registration Area. North Carolina is not a member of the National Divorce Registration Area.

THE ORIGIN, FLOW, AND DISPOSITION OF VITAL RECORDS
NORTH CAROLINA



HOSPITAL ADMINISTRATOR

Statutory Citation
G.S. 130A-101 & 114

Completes birth certificate or fetal death report for hospital deliveries. Obtains certifier's signature.

Sends birth certificate or fetal death report to county registrar.

Responds to requests for information.

PHYSICIAN

Statutory Citation
G.S. 130A-101 & 114

Signs birth certificate or fetal death report.

Completes birth certificate or fetal death report for non-hospital delivery; sends to county registrar.

Completes cause of death and signs certificate for all non-medical-examiner deaths.

FUNERAL DIRECTOR

Statutory Citation
G.S. 130A-112 & 115

Sends notification of death to registrar and completes death certificate.

Obtains cause of death and signature of physician.

Obtains burial transit permit when necessary.

Delivers death certificate to county registrar within five days.

MEDICAL EXAMINER

Statutory Citation
G.S. 130A-114, 115 & 383

Initiates certificate for a death resulting from accident, suicide, or homicide and for certain unattended deaths and fetal deaths.

Investigates circumstances surrounding aforementioned deaths and certifies cause and manner of death.

REGISTER OF DEEDS

Statutory Citation
G.S. 130A-110

Completes marriage certificates for all marriages.

Sends copy of marriage certificate to Department of Environment, Health, and Natural Resources.

Prepares delayed certificates and sends to DEHNR for approval.

Initiates amendment applications.

COUNTY REGISTRAR (COUNTY HEALTH DEPARTMENT)

Statutory Citation G.S. 130A-97

Checks records for accuracy and completeness.

Requests further information when necessary.

Prepares copy of birth and death certificates for register of deeds.

Sends original birth and death certificates to the Department of Environment, Health and Natural Resources.

Issues burial transit permits.

CLERK OF COURT

Statutory Citation G.S. 130A-111

Completes divorce certificate and forwards to Department of Environment, Health, and Natural Resources.

DEPARTMENT OF ENVIRONMENT, HEALTH, AND NATURAL RESOURCES (DEHNR)

DIVISION OF EPIDEMIOLOGY
VITAL RECORDS SECTION

REPORT PROCESSING
- —Receives and processes current reports of births, deaths, marriages, and divorces and delayed birth certificates.
- —Codes demographic data.
- —Provides consultation and assistance to individuals involved with vital records registration.

CORRECTIONS
- —Receives and processes all requests for change to prior records.

SPECIAL REGISTRATION
- —Reviews and processes all requests for adoption, legitimation, and judicial determinations of paternity.

NOSOLOGY
- —Codes all conditions at death using current revision of the ICD.
- —Codes underlying cause on fetal death report.
- —Codes congenital anomalies on birth certificates.

MICROFILM AND PRESERVATION
- —Microfilms all vital records.
- —Prepares certifications, verifications, and manuscripts from microfilm and xerox.
- —Stores and preserves all original records.

DIVISION OF STATISTICS AND INFORMATION SERVICES
INFORMATION SERVICES
- —Answers requests for vital statistics data.

CENTER FOR HEALTH AND ENVIRONMENTAL STATISTICS
- —Publishes annual reports; conducts special studies.
- —Keys data from vital records — births, deaths, fetal deaths, marriages and divorces.
- —Performs selective edit of variables and maintains cumulative files.
- —Transmits data to the National Center for Health Statistics.

SOCIAL SERVICES

Sends adoption reports to special registration.

NATIONAL CENTER FOR HEALTH STATISTICS

Receives microfilm and data from state.

Performs sample quality control and assures receipt of all records and corrections.

Publishes United States reports.

Provides technical assistance.

Provides classes in registration (ASTI).

OTHER STATES

Exchange birth and death records.

V. TECHNICAL NOTES

Residence Allocation

Except as otherwise indicated, vital events in this report are allocated to place of residence. In the case of a birth or fetal death, residence is the usual residence of the mother. For deaths of inmates of long-term institutions (mental, penal, old age, orphan, nursing home, rest home, etc.), the institution is considered the usual residence provided the decedent has resided in the institution at least one year. College students and military personnel are considered residents of the college or military community.

North Carolina participates in an interchange program whereby photocopies of nonresident birth and death certificates are required to be sent to the state of residence within two months of the date of occurrence. The National Center for Health Statistics acts as a control for this interchange through a report from each state which lists the number of each type of vital record sent to every other state. However, delays or omissions in the interchange undoubtedly occur.

Occurrence Allocation

Items 7 and 16 of the tables allocate live births and deaths respectively to place of occurrence regardless of place of residence. Marriage and divorce data are compiled only by place of occurrence—county of license for marriages and county of decree for divorces and annulments—because (i) all states do not engage in an interchange program whereby we receive notification of North Carolina residents who marry or divorce in other states and (ii) the two parties to these proceedings are often residents of different counties or states.

Race or Color Allocation

Two broad categories, "white" and "nonwhite," are used in this report. Nonwhite is predominantly black (93%) in North Carolina (12). For births and fetal deaths, where one parent is classified as white and the other nonwhite, the child is classified as nonwhite.

Due to some cases of dissimilar races of the two parties involved in marriage and divorce/annulment proceedings and to a number of "not stated" race cases, frequencies and rates for these events are shown only for the total.

Completeness of Registration of Vital Events

Completeness of registration is defined as the degree to which reported vital event enumerations agree with the true counts in a given time frame. Birth registration, tested for completeness in 1940 and 1950, was found to be 86 and 96 percent complete respectively (13). Death registration is believed to be even more complete than birth registration. Fetal death registration, tested for completeness in 1974, was found to be 99 percent complete (14).

Marriage registration was tested for completeness in 1963. Over 99 percent of performed marriages terminated in properly recorded certificates of marriage (15).

Delayed registration results in underenumeration of vital events for a specific time period. Frequency counts in this report are based on 1989 events filed with the local registrar prior to April 1, 1990, and processed in the state office before the end of June 1990. Based on examinations of lagtimes in prior years, the number of calendar year events filed after April 1 of the subsequent year is considered negligible.

In addition to the above, a source of incompleteness in residence data could involve failure of other states to send photocopies for North Carolina resident events occurring in their states. The extent to which this occurs is unknown.

Accuracy of Items on Certificate

The Vital Records Section maintains continuous surveillance of certificates to detect inconsistencies in related items (e.g., newborn's name vs. sex). However, the true extent of bias and unreliability due to incorrect answers is not known.

Treatment of Missing Values

As a result of a query program to reconcile inconsistencies in the data and to complete unanswered items, missing values are rare for the characteristics included in this report. These "not stated" cases are treated in one of two ways:

(1) not allocated because they are believed to have an unknown distribution which is different from the distribution for "stated" cases;

(2) randomly distributed in the same proportion as the "stated" cases for the state.

The following table shows the number and treatment of missing values in the statistical files underlying this report. In the case of race and legitimacy, most of the missing values are due to absence of these items on certificates from other states.

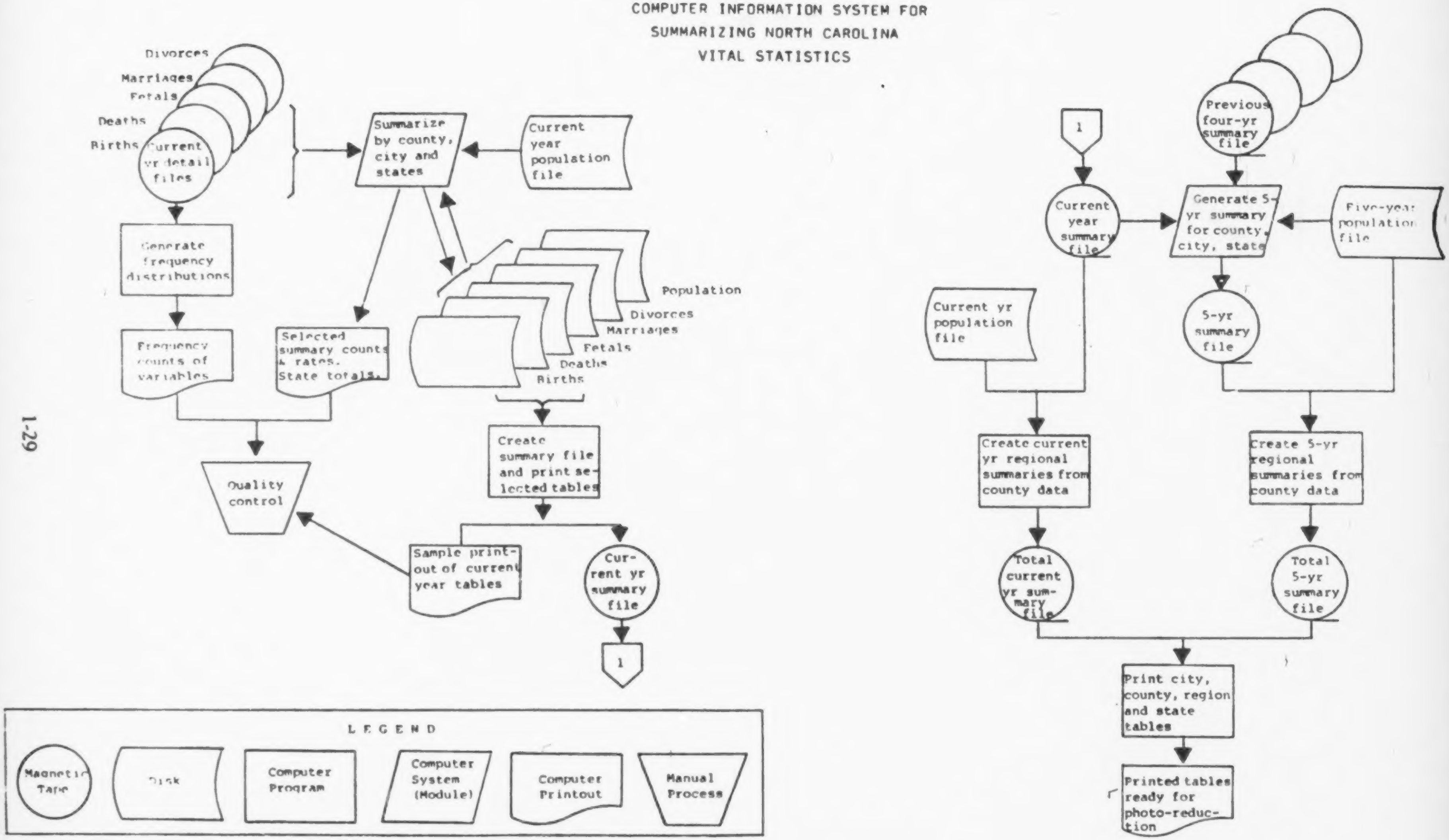
Number of Missing Values by Item and Treatment
North Carolina 1989

	Treatment of Missing Values	
	Treatment 1	Treatment 2
Live Births		
Sex	0	4
Birth Weight	97	0
Legitimacy	3	0
Race	0	11
Deaths		
Age	0	5
Race	0	36
Sex	0	4
Fetals		
Legitimacy	0	0
Race	0	4
Sex	0	12

Data Processing

The computer information system used to generate the data of this report is depicted on the next page.

COMPUTER INFORMATION SYSTEM FOR SUMMARIZING NORTH CAROLINA VITAL STATISTICS


Divorces
Marriages
Fetals
Deaths
Births
Current yr detail files
Generate frequency distributions
Frequency counts of variables
Summarize by county, city and states
Current year population file
Selected summary counts & rates. State totals.
Population
Divorces
Marriages
Fetals
Deaths
Births
Quality control
Create summary file and print selected tables
Sample print-out of current year tables
Current yr summary file
1
1
Current year summary file
Previous four-yr summary file
Generate 5-yr summary for county, city, state
Five-year population file
5-yr summary file
Current yr population file
Create current yr regional summaries from county data
Create 5-yr regional summaries from county data
Total current yr summary file
Total 5-yr summary file
Print city, county, region and state tables
Printed tables ready for photo-reduction
LEGEND
Magnetic Tape
Disk
Computer Program
Computer System (Module)
Computer Printout
Manual Process

VI. POPULATION BASES AND BIASES IN PRE-1980 VITAL STATISTICS RATES

Every ten years (years ending in zero) the U.S. Bureau of the Census conducts a count of the United States population, which includes a profile of the population's characteristics such as age, race, and sex. After a census year, estimates of population size and composition are based on knowledge of the population in the census year plus subsequent events such as births, deaths, and migration. In the latter years of a decade, estimates may depart considerably from "true" population values to the extent that assumptions, particularly about in- and out-migration, depart from what has actually occurred. Thus, an estimate of the 1979 population of North Carolina based on projection from 1970 may differ from an estimate of the 1979 population based on knowledge of a more current (1980) census count. Since most vital statistics rates are based on population counts in the denominator, changes in population which might result from a new census may cause substantial change in the trend of rates over time.

To complicate the problem even further, there was an undercount of the population of North Carolina in the 1970 census, particularly among nonwhites. Thus, projections for later years were low and rates based on those population projections correspondingly high. Therefore, changing to 1980 census figures for rate denominators caused a decrease in rates from 1979 to 1980, to the extent that the 1980 census figures were higher than 1980 projections based on the 1970 census.

Users of vital statistics publications for 1979 and prior years must be aware of these biases when looking at trends in rates, particularly when analysis is at the county level or for the nonwhite population. For further detail concerning biases in the population-based rates published for the 1970's, the user should refer to pages 1-33 through 1-37 of the 1980 version of this publication.

VII. DEFINITIONS AND FORMULAS

Vital events are exhibited in the tables of this report by frequencies and rates. The term "rate" usually means the number of vital events in a given period of time divided by the average number of people at risk during that period. In this report, the average number of people at risk is usually the midyear population, the period is a year or five years, and the rate is expressed per 1,000 population. For example, the formula for a single-year birth rate is

$$\frac{B}{P} \times 1{,}000$$

where B is the number of births in the year and P is the midyear population. Similarly, the formula for a five-year birth rate is

$$\frac{B_1 + B_2 + B_3 + B_4 + B_5}{P_1 + P_2 + P_3 + P_4 + P_5} \times 1{,}000$$

where B_1, B_2, etc. are the numbers of births in the particular years and P_1, P_2, etc. are the midyear populations in those years.

The term rate is also used in this report to mean a simple proportion expressed per 100 or per 1,000. These rates are the ratio of two related vital event counts. An example of this type of rate is the single-year infant mortality rate. The formula is

$$\frac{D}{B} \times 1{,}000$$

where D represents deaths of infants during a year and B represents live births during the same year. Another example is the premature rate which is the ratio of premature births to total births expressed as a percentage.

$$\frac{P}{B} \times 100$$

Rates are rounded to one decimal place for publication. Except for marriage and divorce events for which race-specific rates are not calculated, a blank in the rate column indicates that both the numerator and the denominator are zero. A rate of 0.0 is shown for rates less than 0.05.

Inaccurate reporting, underregistration and missing values have been discussed (Section V). These factors affect the validity of items of information involved in rate computation. The users of vital statistics measures should be aware of these possible limitations.

Furthermore, one should interpret with caution rates which are based on small frequencies since they may be associated with relatively large *chance* fluctuation. For this reason, five-year rates are included. Based on an increased number of events, these average annual rates are more stable than the single-year rates.

In comparing rates, one must carefully examine the various factors to which a difference in rates might be attributed. Unless the populations are equivalent in all factors except the one for which the comparison is made, conclusions about differences in rates may not be clearly drawn. Age-adjusted rates or other further analyses may be necessary in order to make valid comparisons.

Definitions and formulas are given in the numerical order of their appearance in the tables. Except for items 7 and 16-18, rates are for ***resident*** events.

Definitions

1. **Population** is the expected population of an area as of July 1 of the event year. Figures shown in the tables of this report are summations over age-race-sex-specific estimates provided by the State Office of Budget and Management.

2. **Natural Increase** is the excess of births over deaths among residents of an area.

3. A **Live Birth** is the complete expulsion or extraction from its mother of a product of conception, irrespective of the duration of pregnancy, which, after separation, breathes or shows any other evidence of life, such as beating of the heart, pulsation of the umbilical cord, or any definite movement of voluntary muscles, whether or not the umbilical cord has been cut or the placenta is attached (definition adopted by World Health Organization in 1950).

4. **Attendant** is a physician (M.D. or D.O.) in a hospital, a physician not in a hospital, a certified nurse-midwife (CNM), or other attendant. Legislation during 1983 (H.B. 814) regulates the practices of CNMs; these practitioners must have certification by the American College of Nurse-Midwives.

5. **Premature Birth** is defined as birth of a liveborn infant weighing under 2,500 grams (5 pounds, 8 ounces or less) at birth, regardless of the period of gestation. (Birth weight index recommended by the Expert Group on Prematurity of the World Health Organization, 1950).

6. **Birth Out of Wedlock** is birth to a woman who has never been legally married or who has been widowed or legally divorced from her husband in excess of 280 days (16).

7. An **Occurrence Birth** is one that occurs in an area irrespective of place of residence. Live births occurring in an area to residents of the area are also shown in the tables. Complementary totals, i.e., nonresident births occurring in the area and resident births occurring elsewhere, may be obtained by subtraction.

8. **Perinatal Deaths** are the sum of registered fetal deaths and neonatal deaths (see definitions below).

9. **Fetal Death** is death prior to the complete expulsion or extraction from its mother of a product of human conception, irrespective of the duration of pregnancy, as indicated by the fact that after such expulsion or extraction the fetus does not breathe or show any evidence of life, such as beating of the heart, pulsation of the umbilical cord, or definite movement of voluntary muscles (definition adopted by World Health Organization in 1950). Consistent with North Carolina law, this report includes only fetal deaths which do not qualify as therapeutic abortions and which result from pregnancies of 20 or more weeks gestation (see Section IV).

10. **Neonatal Death** is death of a liveborn child under 28 days of age.

11. **Postneonatal Death** is death of an infant 28 days and over but less than 1 year of age.

12. **Infant Death** is defined as death of a liveborn infant under one year of age.

13. **Death** is defined as the permanent disappearance of any evidence of life at any time after live birth (17). Also, North Carolina law (G.S. 90-322) defines criteria for certifying "brain death."

14. **Age at Death** is reported age in completed years as of the last birthday. Errors in reporting are believed to include underestimates for ages 22 through middle age and overestimates for persons nearing their 21st and 65th birthdays and for those over age 65. Preferences for ages ending in certain digits (e.g., age ending in 0 and 5) may also result in undue concentrations of reported ages (18).

15. **Place of Death** is the hospital, other institution or noninstitution place of death.

16. An **Occurrence Death** is one that occurs in an area irrespective of place of residence.

17. **Marriage** is defined as the legal union of a male and a female (North Carolina G.S. 51-1). Marriages are by place of occurrence and race-specific data are not shown (see Section V).

18. **Divorces and Annulments** can occur only by decree of an authorized court. Annulments, which void marriage from the beginning, constitute less than one percent of the sum of these events. A divorce from bed and board is a judicial separation suspending cohabitation but not otherwise affecting the marriage bond. Divorces from bed and board are not included in this report. Divorces and annulments are by place of occurrence and race-specific data are not shown (see Section V).

Formulas

1. **Population**

$$\text{Percentage of N.C. population residing in area} = \frac{\text{Population of area}}{\text{Population of North Carolina}} \times 100$$

$$\text{Percentage male population in area} = \frac{\text{Male population of area}}{\text{Total population of area}} \times 100$$

$$\text{Percentage female population in area} = \frac{\text{Female population of area}}{\text{Total population of area}} \times 100$$

2. **Natural Increase**

$$\text{Rate of natural increase} = \frac{\text{Number of live births minus number of deaths}}{\text{Population of area}} \times 1{,}000$$

3. **Live Births**

$$\text{Birth rate} = \frac{\text{Number of live births}}{\text{Population of area}} \times 1{,}000$$

$$\text{Male birth rate} = \frac{\text{Number of male live births}}{\text{Population of area}} \times 1{,}000$$

$$\text{Female birth rate} = \frac{\text{Number of female live births}}{\text{Population of area}} \times 1{,}000$$

4. **Attendant**

$$\text{Percentage of live births attended by physician in hospital} = \frac{\text{Number of live births attended by physician in hospital}}{\text{Number of live births}} \times 100$$

$$\text{Percentage of live births attended by physician not in hospital} = \frac{\text{Number of live births attended by physician not in hospital}}{\text{Number of live births}} \times 100$$

$$\text{Percentage of live births attended by certified nurse-midwife} = \frac{\text{Number of live births attended by certified nurse-midwife}}{\text{Number of live births}} \times 100$$

$$\text{Percentage of live births attended by other} = \frac{\text{Number of live births attended by other}}{\text{Number of live births}} \times 100$$

5. **Premature Births**

$$\text{Percentage of live births classified as premature} = \frac{\text{Number of premature live births}}{\text{Number of live births}} \times 100$$

6. **Births out of Wedlock**

$$\text{Percentage of live births occurring out of wedlock} = \frac{\text{Number of live births occurring out of wedlock}}{\text{Number of live births}} \times 100$$

7. **Occurrence Births**

$$\text{Percentage of N.C. live births occurring in area} = \frac{\text{Number of live births occurring in area}}{\text{Number of live births occurring in N.C.}} \times 100$$

$$\text{Percentage of area live births occurring to residents of area} = \frac{\text{Number of resident live births occurring in area}}{\text{Number of total live births occurring in area}} \times 100$$

8. **Perinatal Deaths**

$$\text{Perinatal mortality rate} = \frac{\text{Number of fetal deaths plus number of neonatal deaths}}{\text{Number of live births plus number of fetal deaths}} \times 1{,}000$$

9. **Fetal Deaths**

$$\text{Fetal mortality rate} = \frac{\text{Number of fetal deaths}}{\text{Number of live births plus number of fetal deaths}} \times 1{,}000$$

$$\text{Percentage of fetal deaths attended by physician in hospital} = \frac{\text{Number of fetal deaths attended by physician in hospital}}{\text{Number of fetal deaths}} \times 100$$

$$\text{Percentage of fetal deaths attended by physician not in hospital} = \frac{\text{Number of fetal deaths attended by physician not in hospital}}{\text{Number of fetal deaths}} \times 100$$

$$\text{Percentage of fetal deaths attended by certified nurse-midwife} = \frac{\text{Number of fetal deaths attended by certified nurse-midwife}}{\text{Number of fetal deaths}} \times 100$$

$$\text{Percentage of fetal deaths attended by other} = \frac{\text{Number of fetal deaths attended by other}}{\text{Number of fetal deaths}} \times 100$$

$$\text{Percentage of fetal deaths occurring out of wedlock} = \frac{\text{Number of fetal deaths occurring out of wedlock}}{\text{Number of fetal deaths}} \times 100$$

10. Neonatal Deaths

$$\text{Neonatal mortality rate} = \frac{\text{Number of neonatal deaths}}{\text{Number of live births}} \times 1{,}000$$

11. Postneonatal Deaths

$$\text{Postneonatal mortality rate} = \frac{\text{Number of postneonatal deaths}}{\text{Number of live births minus number of neonatal deaths}} \times 1{,}000$$

12. Infant Deaths

$$\text{Infant mortality rate} = \frac{\text{Number of infant deaths}}{\text{Number of live births}} \times 1{,}000$$

13. Deaths

$$\text{Death rate} = \frac{\text{Number of deaths}}{\text{Population of area}} \times 1{,}000$$

$$\text{Male-specific death rate} = \frac{\text{Number of male deaths}}{\text{Male population of area}} \times 1{,}000$$

$$\text{Female-specific death rate} = \frac{\text{Number of female deaths}}{\text{Female population of area}} \times 1{,}000$$

14. Age-specific Deaths

$$\text{Age-specific death rate} = \frac{\text{Number of deaths in age group}}{\text{Population in age group}} \times 1{,}000$$

15. Place of Death

$$\text{Percentage of deaths occurring in hospitals} = \frac{\text{Number of deaths in hospitals}}{\text{Number of deaths}} \times 100$$

$$\text{Percentage of deaths occurring in nonhospital institutions} = \frac{\text{Number of deaths in nonhospital institutions}}{\text{Number of deaths}} \times 100$$

$$\text{Percentage of deaths occurring in home or noninstitution} = \frac{\text{Number of deaths in home or noninstitutions}}{\text{Number of deaths}} \times 100$$

16. Occurrence Deaths

$$\text{Percentage of N.C. deaths occurring in area} = \frac{\text{Number of deaths occurring in area}}{\text{Number of deaths occurring in North Carolina}} \times 100$$

$$\text{Percentage of area deaths occurring to residents of area} = \frac{\text{Number of resident deaths occurring in area}}{\text{Number of total deaths occurring in area}} \times 100$$

17. Marriages

$$\text{Marriage rate} = \frac{\text{Number of marriages occurring in area}}{\text{Population of area}} \times 1{,}000$$

18. Divorces and Annulments

$$\text{Divorce/Annulment rate} = \frac{\text{Number of divorces and annulments occurring in area}}{\text{Population of area}} \times 1{,}000$$

Symbols

Quantity (frequency) is zero	0
Rate is less than 0.05	0.0
Rate is not applicable	blank space

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STATE TABLE

SELECTED VITAL STATISTICS FOR 1989 AND 1985-1989

NORTH CAROLINA

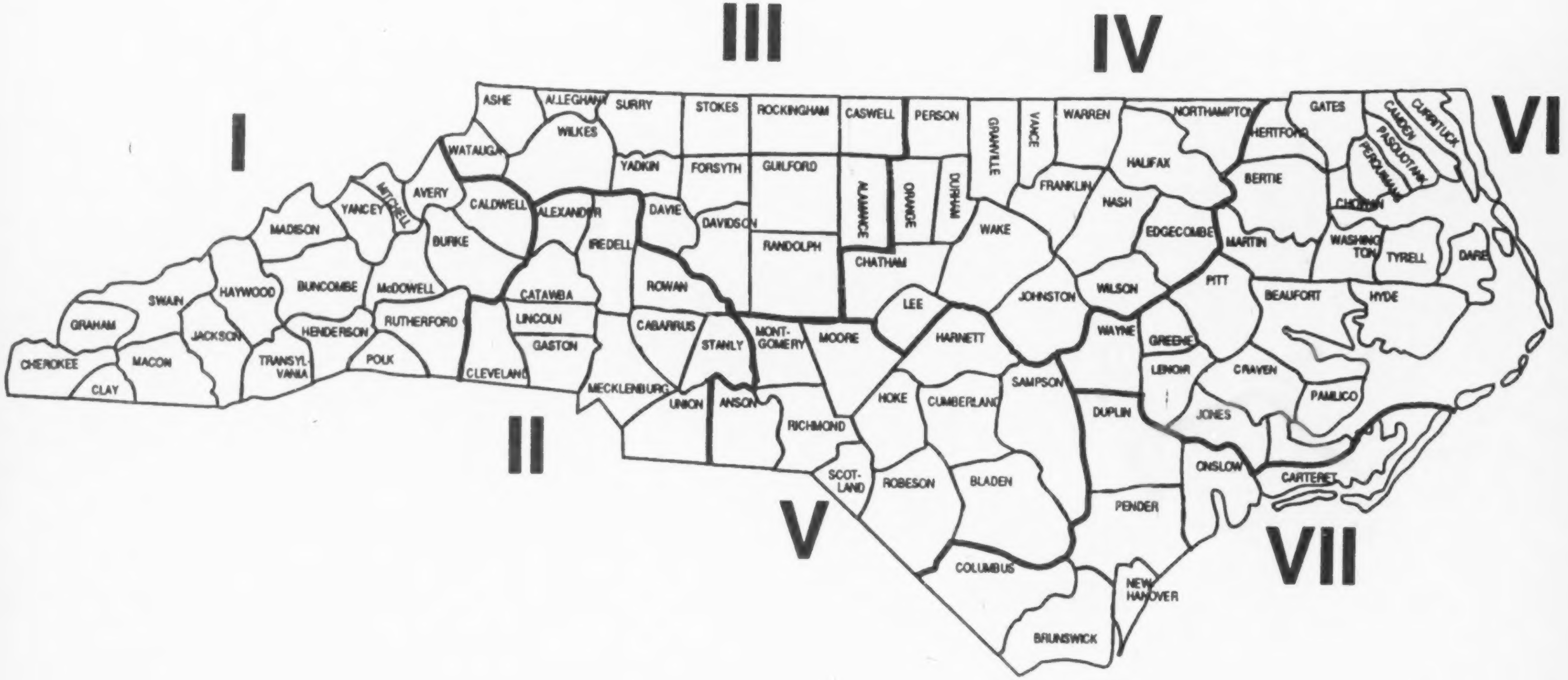
ITEM	TOTAL			WHITE			NONWHITE		
	NUMBER 1989	RATE* 1989	RATE* 85-89	NUMBER 1989	RATE* 1989	RATE* 85-89	NUMBER 1989	RATE* 1989	RATE* 85-89
POPULATION									
1. TOTAL	6568983	100.0	100.0	4979277	100.0	100.0	1589706	100.0	100.0
MALES	3160202	48.1	48.2	2418868	48.6	48.6	741334	46.6	47.0
FEMALES	3408781	51.9	51.8	2560409	51.4	51.4	848372	53.4	53.0
2. NATURAL INCREASE	44653	6.8	6.1	25227	5.1	4.6	19426	12.2	10.6
LIVE BIRTHS									
3. TOTAL	102091	15.5	14.7	68455	13.7	13.3	33636	21.2	19.3
MALES	52063	7.9	7.5	35106	7.1	6.8	16957	10.7	9.8
FEMALES	50028	7.6	7.2	33349	6.7	6.5	16679	10.5	9.5
4. ATTENDANT									
PHYSICIAN IN HOSPITAL	100049	98.0	98.1	66882	97.7	97.8	33167	98.6	98.8
PHYSICIAN NOT IN HOSPITAL	155	0.2	0.2	91	0.1	0.1	64	0.2	0.2
CERTIFIED NURSE MIDWIFE	1621	1.6	1.5	1296	1.9	1.8	325	1.0	0.8
OTHER ATTENDANT	266	0.3	0.2	186	0.3	0.3	80	0.2	0.2
5. PREMATURE BIRTHS	8278	8.1	8.0	4090	6.0	6.0	4188	12.5	12.1
6. OUT OF WEDLOCK	28299	27.7	25.0	8556	12.5	10.7	19743	58.7	55.5
7. OCCURRENCE									
TOTAL	102752	100.0	100.0	69008	100.0	100.0	33744	100.0	100.0
TO RESIDENTS	100862	98.2	98.3	67469	97.8	98.0	33393	99.0	99.0
FETAL & INFANT MORTALITY									
8. PERINATAL DEATHS	1689	16.4	16.6	841	12.2	13.1	848	24.9	24.2
9. FETAL DEATHS	899	8.7	8.7	455	6.6	7.0	444	13.0	12.4
ATTENDANT									
PHYSICIAN IN HOSPITAL	875	97.3	96.9	445	97.8	97.6	430	96.8	96.2
PHYSICIAN NOT IN HOSPITAL	8	0.9	1.2	3	0.7	0.6	5	1.1	1.8
CERTIFIED NURSE MIDWIFE	5	0.6	0.4	3	0.7	0.6	2	0.5	0.2
OTHER ATTENDANT	11	1.2	1.5	4	0.9	1.2	7	1.6	1.7
OUT OF WEDLOCK	383	42.6	38.1	95	20.9	17.7	288	64.9	62.5
10. NEONATAL (UNDER 28 DAYS)	790	7.7	8.0	386	5.6	6.1	404	12.0	11.9
11. POSTNEONATAL (28 DAYS - 1 YEAR)	381	3.8	4.0	212	3.1	3.2	169	5.1	5.7
12. INFANT DEATHS (UNDER 1 YEAR)	1171	11.5	12.0	598	8.7	9.3	573	17.0	17.5
DEATHS (EXCLUDING FETALS)									
13. TOTAL	57438	8.7	8.7	43228	8.7	8.7	14210	8.9	8.7
MALES	30310	9.6	9.6	22547	9.3	9.4	7763	10.5	10.2
FEMALES	27128	8.0	7.8	20681	8.1	8.0	6447	7.6	7.4
14. AGE									
00-04 YEARS	1369	3.1	3.1	706	2.3	2.4	663	5.2	4.8
05-14 YEARS	288	0.3	0.3	173	0.3	0.3	115	0.4	0.4
15-24 YEARS	1047	1.0	1.0	723	0.9	1.0	324	1.1	1.0
25-34 YEARS	1632	1.5	1.4	940	1.1	1.1	692	2.5	2.2
35-44 YEARS	2251	2.3	2.3	1304	1.8	1.8	947	4.3	4.3
45-54 YEARS	3716	5.4	5.5	2485	4.4	4.6	1231	9.5	9.5
55-64 YEARS	7825	13.1	13.6	5713	11.7	12.2	2112	19.5	19.8
65 AND OVER	39310	48.9	49.8	31184	47.5	48.6	8126	55.2	55.0
15. PLACE OF DEATH									
HOSPITAL	35723	62.2	62.2	26308	60.9	61.2	9415	66.3	65.4
OTHER INSTITUTION	9939	17.3	17.2	7970	18.4	18.4	1969	13.9	13.7
HOME OR NON-INSTITUTION	11776	20.5	20.5	8950	20.7	20.4	2826	19.9	20.8
16. OCCURRENCE									
TOTAL	57858	100.0	100.0	43644	100.0	100.0	14214	100.0	100.0
TO RESIDENTS	56003	96.8	96.8	42087	96.4	96.5	13916	97.9	97.9
OTHER EVENTS									
17. MARRIAGES	51017	7.8	7.9						
18. DIVORCES AND ANNULMENTS	32272	4.9	4.9						

* SEE DEFINITIONS AND FORMULAS (SECTION VII)

Department of Environment, Health, and Natural Resources Regions

REGION TABLES

NORTH CAROLINA
DEPARTMENT OF ENVIRONMENT, HEALTH, AND NATURAL RESOURCES REGIONS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BRUNSWICK

SELECTED VITAL STATISTICS FOR 1989 AND 1985-1989

D.E.H.N.R. I

ITEM	TOTAL			WHITE			NONWHITE		
	NUMBER 1989	RATE* 1989	RATE* 85-89	NUMBER 1989	RATE* 1989	RATE* 85-89	NUMBER 1989	RATE* 1989	RATE* 85-89
POPULATION									
1. TOTAL	740404	11.3	11.4	691123	13.9	14.0	49281	3.1	3.1
MALES	355081	48.0	48.0	331996	48.0	48.1	23085	46.8	47.3
FEMALES	385323	52.0	52.0	359127	52.0	51.9	26196	53.2	52.7
2. NATURAL INCREASE	1865	2.5	2.3	1368	2.0	1.8	497	10.1	8.7
LIVE BIRTHS									
3. TOTAL	9319	12.6	12.2	8302	12.0	11.7	1017	20.6	18.5
MALES	4806	6.5	6.3	4317	6.2	6.0	489	9.9	9.4
FEMALES	4513	6.1	5.9	3985	5.8	5.7	528	10.7	9.1
4. ATTENDANT									
PHYSICIAN IN HOSPITAL	9189	98.6	97.8	8179	98.5	97.7	1010	99.3	98.9
PHYSICIAN NOT IN HOSPITAL	21	0.2	0.2	20	0.2	0.2	1	0.1	0.2
CERTIFIED NURSE MIDWIFE	58	0.6	1.4	57	0.7	1.5	1	0.1	0.5
OTHER ATTENDANT	51	0.5	0.5	46	0.6	0.5	5	0.5	0.5
5. PREMATURE BIRTHS	669	7.2	7.0	546	6.6	6.5	123	12.1	11.3
6. OUT OF WEDLOCK	1972	21.2	19.2	1370	16.5	14.8	602	59.2	57.1
7. OCCURRENCE									
TOTAL	8587	8.4	8.7	7599	11.0	11.3	988	2.9	3.0
FETAL & INFANT MORTALITY									
8. PERINATAL DEATHS	141	15.0	15.0	106	12.7	13.5	35	33.7	28.5
9. FETAL DEATHS	83	8.8	8.5	61	7.3	7.6	22	21.2	16.4
ATTENDANT									
PHYSICIAN IN HOSPITAL	79	95.2	96.6	60	98.4	97.0	19	86.4	94.7
PHYSICIAN NOT IN HOSPITAL	1	1.2	0.8	0	0.0	0.3	1	4.5	2.6
CERTIFIED NURSE MIDWIFE	1	1.2	0.8	1	1.6	1.0	0	0.0	0.0
OTHER ATTENDANT	2	2.4	1.8	0	0.0	1.6	2	9.1	2.6
OUT OF WEDLOCK	25	30.1	33.7	13	21.3	26.0	12	54.5	64.5
10. NEONATAL (UNDER 28 DAYS)	58	6.2	6.6	45	5.4	6.0	13	12.8	12.3
11. POSTNEONATAL (28 DAYS - 1 YEAR)	36	3.9	3.4	31	3.8	3.2	5	5.0	5.1
12. INFANT DEATHS (UNDER 1 YEAR)	94	10.1	10.0	76	9.2	9.1	18	17.7	17.3
DEATHS (EXCLUDING FETALS)									
13. TOTAL	7454	10.1	9.9	6934	10.0	9.9	520	10.6	9.8
MALES	3938	11.1	11.0	3668	11.0	11.0	270	11.7	10.9
FEMALES	3516	9.1	8.9	3266	9.1	8.9	250	9.5	8.8
14. AGE									
00-04 YEARS	110	2.5	2.4	90	2.2	2.1	20	5.3	4.8
05-14 YEARS	34	0.4	0.3	29	0.3	0.3	5	0.6	0.4
15-24 YEARS	104	1.0	1.0	89	0.9	1.0	15	1.6	1.0
25-34 YEARS	146	1.3	1.3	124	1.2	1.2	22	2.8	2.4
35-44 YEARS	221	2.1	2.1	198	2.0	1.9	23	3.5	4.1
45-54 YEARS	393	4.7	5.0	356	4.5	4.8	37	8.7	9.1
55-64 YEARS	865	11.6	12.1	787	11.1	11.8	78	21.0	18.5
65 AND OVER	5581	48.4	48.4	5261	48.0	48.1	320	57.4	54.6
15. PLACE OF DEATH									
HOSPITAL	4366	58.6	58.8	4059	58.5	58.6	307	59.0	61.4
OTHER INSTITUTION	1521	20.4	20.9	1416	20.4	21.0	105	20.2	19.5
HOME OR NON-INSTITUTION	1567	21.0	20.3	1459	21.0	20.4	108	20.8	19.1
16. OCCURRENCE									
TOTAL	7319	12.6	12.7	6788	15.6	15.6	531	3.7	3.7
OTHER EVENTS									
17. MARRIAGES	6054	8.2	8.2						
18. DIVORCES AND ANNULMENTS	3548	4.8	4.7						

* SEE DEFINITIONS AND FORMULAS (SECTION VII)

SELECTED VITAL STATISTICS FOR 1989 AND 1985-1989

D.E.H.N.R. II

ITEM	TOTAL			WHITE			NONWHITE		
	NUMBER 1989	RATE* 1989	RATE* 85-89	NUMBER 1989	RATE* 1989	RATE* 85-89	NUMBER 1989	RATE* 1989	RATE* 85-89
POPULATION									
1. TOTAL	1379765	21.0	20.9	1109527	22.3	22.2	270238	17.0	16.8
MALES	660088	47.8	47.9	535300	48.2	48.3	124788	46.2	46.5
FEMALES	719677	52.2	52.1	574227	51.8	51.7	145450	53.8	53.5
2. NATURAL INCREASE	10129	7.3	6.6	6266	5.6	5.1	3863	14.3	12.5
LIVE BIRTHS									
3. TOTAL	21896	15.9	14.9	15736	14.2	13.5	6160	22.8	20.8
MALES	11043	8.0	7.6	7979	7.2	6.9	3064	11.3	10.5
FEMALES	10853	7.9	7.3	7757	7.0	6.6	3096	11.5	10.3
4. ATTENDANT									
PHYSICIAN IN HOSPITAL	21657	98.9	99.2	15530	98.7	99.1	6127	99.5	99.5
PHYSICIAN NOT IN HOSPITAL	34	0.2	0.1	19	0.1	0.1	15	0.2	0.2
CERTIFIED NURSE MIDWIFE	137	0.6	0.5	129	0.8	0.6	8	0.1	0.2
OTHER ATTENDANT	68	0.3	0.2	58	0.4	0.2	10	0.2	0.2
5. PREMATURE BIRTHS	1782	8.1	8.1	970	6.2	6.3	812	13.2	12.9
6. OUT OF WEDLOCK	5903	27.0	24.9	2034	12.9	11.3	3869	62.8	61.2
7. OCCURRENCE									
TOTAL	23409	22.8	22.3	17113	24.8	24.2	6296	18.7	18.3
FETAL & INFANT MORTALITY									
8. PERINATAL DEATHS	325	14.7	16.5	186	11.7	13.8	139	22.3	23.6
9. FETAL DEATHS	173	7.8	8.7	103	6.5	7.5	70	11.2	11.7
ATTENDANT									
PHYSICIAN IN HOSPITAL	168	97.1	97.3	101	98.1	98.6	67	95.7	95.0
PHYSICIAN NOT IN HOSPITAL	2	1.2	1.6	1	1.0	0.5	1	1.4	3.4
CERTIFIED NURSE MIDWIFE	0	0.0	0.1	0	0.0	0.2	0	0.0	0.0
OTHER ATTENDANT	3	1.7	1.0	1	1.0	0.7	2	2.9	1.6
OUT OF WEDLOCK	73	42.2	34.9	23	22.3	17.0	50	71.4	65.7
10. NEONATAL (UNDER 28 DAYS)	152	6.9	7.9	83	5.3	6.3	69	11.2	12.1
11. POSTNEONATAL (28 DAYS - 1 YEAR)	80	3.7	4.1	48	3.1	3.4	32	5.3	5.9
12. INFANT DEATHS (UNDER 1 YEAR)	232	10.6	11.9	131	8.3	9.7	101	16.4	17.9
DEATHS (EXCLUDING FETALS)									
13. TOTAL	11767	8.5	8.4	9470	8.5	8.4	2297	8.5	8.2
MALES	6189	9.4	9.3	4920	9.2	9.1	1269	10.2	9.7
FEMALES	5578	7.8	7.6	4550	7.9	7.8	1028	7.1	6.9
14. AGE									
00-04 YEARS	275	3.0	3.1	158	2.3	2.5	117	5.2	5.1
05-14 YEARS	56	0.3	0.3	38	0.3	0.3	18	0.4	0.3
15-24 YEARS	249	1.2	1.0	178	1.1	1.0	71	1.4	1.1
25-34 YEARS	389	1.6	1.3	233	1.2	1.1	156	3.1	2.3
35-44 YEARS	486	2.3	2.2	309	1.8	1.7	177	4.5	4.3
45-54 YEARS	758	5.1	5.5	528	4.1	4.6	230	10.3	10.3
55-64 YEARS	1606	12.6	13.0	1273	11.5	11.9	333	20.2	20.6
65 AND OVER	7948	47.7	48.5	6753	46.6	47.4	1195	55.1	55.3
15. PLACE OF DEATH									
HOSPITAL	7214	61.3	61.9	5753	60.7	61.3	1461	63.6	64.2
OTHER INSTITUTION	2054	17.5	17.0	1742	18.4	18.0	312	13.6	13.0
HOME OR NON-INSTITUTION	2499	21.2	21.1	1975	20.9	20.6	524	22.8	22.9
16. OCCURRENCE									
TOTAL	12069	20.9	20.5	9750	22.3	21.9	2319	16.3	15.9
OTHER EVENTS									
17. MARRIAGES	9512	6.9	6.8						
18. DIVORCES AND ANNULMENTS	7158	5.2	5.2						

* SEE DEFINITIONS AND FORMULAS (SECTION VII)

SELECTED VITAL STATISTICS FOR 1989 AND 1985-1989

D.E.H.N.R. III

ITEM	TOTAL			WHITE			NONWHITE		
	NUMBER 1989	RATE* 1989	RATE* 85-89	NUMBER 1989	RATE* 1989	RATE* 85-89	NUMBER 1989	RATE* 1989	RATE* 85-89
POPULATION									
1. TOTAL	1339187	20.4	20.5	1091371	21.9	22.1	247816	15.6	15.6
MALES	637135	47.6	47.7	523212	47.9	48.0	113923	46.0	46.3
FEMALES	702052	52.4	52.3	568159	52.1	52.0	133893	54.0	53.7
2. NATURAL INCREASE	7044	5.3	4.6	4419	4.0	3.5	2625	10.6	9.2
LIVE BIRTHS									
3. TOTAL	18990	14.2	13.3	14107	12.9	12.3	4883	19.7	17.8
MALES	9589	7.2	6.8	7115	6.5	6.3	2474	10.0	9.0
FEMALES	9401	7.0	6.6	6992	6.4	6.0	2409	9.7	8.9
4. ATTENDANT									
PHYSICIAN IN HOSPITAL	18695	98.4	98.5	13883	98.4	98.3	4812	98.5	99.0
PHYSICIAN NOT IN HOSPITAL	17	0.1	0.1	11	0.1	0.1	6	0.1	0.1
CERTIFIED NURSE MIDWIFE	221	1.2	1.1	175	1.2	1.3	46	0.9	0.5
OTHER ATTENDANT	57	0.3	0.3	38	0.3	0.2	19	0.4	0.3
5. PREMATURE BIRTHS	1507	7.9	7.9	868	6.2	6.3	639	13.1	12.8
6. OUT OF WEDLOCK	4842	25.5	23.0	1836	13.0	11.0	3006	61.6	59.5
7. OCCURRENCE									
TOTAL	18793	18.3	18.3	14089	20.4	20.3	4704	13.9	13.8
FETAL & INFANT MORTALITY									
8. PERINATAL DEATHS	310	16.2	15.2	188	13.2	12.5	122	24.7	23.3
9. FETAL DEATHS	163	8.5	7.6	98	6.9	6.4	65	13.1	11.3
ATTENDANT									
PHYSICIAN IN HOSPITAL	158	96.9	96.0	95	96.9	96.7	63	96.9	94.8
PHYSICIAN NOT IN HOSPITAL	2	1.2	1.6	1	1.0	1.4	1	1.5	2.0
CERTIFIED NURSE MIDWIFE	2	1.2	0.6	1	1.0	0.5	1	1.5	0.8
OTHER ATTENDANT	1	0.6	1.8	1	1.0	1.4	0	0.0	2.4
OUT OF WEDLOCK	71	43.6	37.0	21	21.4	17.8	50	76.9	69.9
10. NEONATAL (UNDER 28 DAYS)	147	7.7	7.6	90	6.4	6.1	57	11.7	12.2
11. POSTNEONATAL (28 DAYS - 1 YEAR)	71	3.8	4.0	38	2.7	3.3	33	6.8	6.1
12. INFANT DEATHS (UNDER 1 YEAR)	218	11.5	11.6	128	9.1	9.4	90	18.4	18.2
DEATHS (EXCLUDING FETALS)									
13. TOTAL	11946	8.9	8.8	9688	8.9	8.8	2258	9.1	8.6
MALES	6232	9.8	9.7	5045	9.6	9.7	1187	10.4	10.0
FEMALES	5714	8.1	7.9	4643	8.2	8.0	1071	8.0	7.4
14. AGE									
00-04 YEARS	258	3.2	3.1	155	2.5	2.5	103	5.7	5.0
05-14 YEARS	54	0.3	0.3	39	0.3	0.3	15	0.4	0.3
15-24 YEARS	211	1.0	1.0	159	1.0	1.0	52	1.1	1.0
25-34 YEARS	307	1.4	1.3	200	1.1	1.1	107	2.4	2.0
35-44 YEARS	407	2.0	2.1	260	1.6	1.7	147	4.2	4.1
45-54 YEARS	795	5.3	5.1	587	4.6	4.4	208	9.6	9.1
55-64 YEARS	1641	12.7	12.8	1283	11.4	11.8	358	20.9	19.7
65 AND OVER	8273	48.2	49.2	7005	46.8	48.1	1268	57.2	55.9
15. PLACE OF DEATH									
HOSPITAL	7503	62.8	63.0	5942	61.3	62.0	1561	69.1	67.8
OTHER INSTITUTION	2010	16.8	16.7	1733	17.9	17.8	277	12.3	12.1
HOME OR NON-INSTITUTION	2433	20.4	20.2	2013	20.8	20.3	420	18.6	20.1
16. OCCURRENCE									
TOTAL	11918	20.6	20.5	9725	22.3	22.3	2193	15.4	14.9
OTHER EVENTS									
17. MARRIAGES	11415	8.5	8.9						
18. DIVORCES AND ANNULMENTS	6782	5.1	5.2						

* SEE DEFINITIONS AND FORMULAS (SECTION VII)

SELECTED VITAL STATISTICS FOR 1989 AND 1985-1989

D.E.H.N.R. IV

ITEM	TOTAL NUMBER 1989	TOTAL RATE* 1989	TOTAL RATE* 85-89	WHITE NUMBER 1989	WHITE RATE* 1989	WHITE RATE* 85-89	NONWHITE NUMBER 1989	NONWHITE RATE* 1989	NONWHITE RATE* 85-89
POPULATION									
1. TOTAL	1267319	19.3	19.1	870437	17.5	17.2	396882	25.0	24.9
MALES	604361	47.7	47.8	420921	48.4	48.4	183440	46.2	46.6
FEMALES	662958	52.3	52.2	449516	51.6	51.6	213442	53.8	53.4
2. NATURAL INCREASE	9939	7.8	6.6	5131	5.9	5.1	4808	12.1	9.9
LIVE BIRTHS									
3. TOTAL	20456	16.1	14.9	11912	13.7	13.0	8544	21.5	19.1
MALES	10509	8.3	7.6	6174	7.1	6.6	4335	10.9	9.6
FEMALES	9947	7.8	7.3	5738	6.6	6.3	4209	10.6	9.4
4. ATTENDANT									
PHYSICIAN IN HOSPITAL	19875	97.2	97.1	11394	95.7	95.6	8481	99.3	99.2
PHYSICIAN NOT IN HOSPITAL	30	0.1	0.1	14	0.1	0.1	16	0.2	0.2
CERTIFIED NURSE MIDWIFE	527	2.6	2.6	488	4.1	4.1	39	0.5	0.5
OTHER ATTENDANT	24	0.1	0.2	16	0.1	0.2	8	0.1	0.1
5. PREMATURE BIRTHS	1819	8.9	8.3	701	5.9	5.6	1118	13.1	12.3
6. OUT OF WEDLOCK	6315	30.9	28.2	1177	9.9	8.4	5138	60.1	57.1
7. OCCURRENCE									
TOTAL	21874	21.3	20.3	12723	18.4	17.8	9151	27.1	25.8
FETAL & INFANT MORTALITY									
8. PERINATAL DEATHS	380	18.4	18.4	161	13.4	13.2	219	25.3	26.1
9. FETAL DEATHS	196	9.5	9.5	91	7.6	6.9	105	12.1	13.2
ATTENDANT									
PHYSICIAN IN HOSPITAL	194	99.0	97.3	90	98.9	97.1	104	99.0	97.4
PHYSICIAN NOT IN HOSPITAL	0	0.0	0.6	0	0.0	0.3	0	0.0	0.8
CERTIFIED NURSE MIDWIFE	0	0.0	0.6	0	0.0	1.3	0	0.0	0.0
OTHER ATTENDANT	2	1.0	1.6	1	1.1	1.3	1	1.0	1.8
OUT OF WEDLOCK	85	43.4	42.6	16	17.6	15.9	69	65.7	63.0
10. NEONATAL (UNDER 28 DAYS)	184	9.0	9.0	70	5.9	6.3	114	13.3	13.1
11. POSTNEONATAL (28 DAYS - 1 YEAR)	75	3.7	4.0	32	2.7	2.8	43	5.1	5.8
12. INFANT DEATHS (UNDER 1 YEAR)	259	12.7	13.0	102	8.6	9.0	157	18.4	18.8
DEATHS (EXCLUDING FETALS)									
13. TOTAL	10517	8.3	8.3	6781	7.8	7.9	3736	9.4	9.2
MALES	5514	9.1	9.2	3426	8.1	8.4	2088	11.4	11.0
FEMALES	5003	7.5	7.5	3355	7.5	7.4	1648	7.7	7.5
14. AGE									
00-04 YEARS	294	3.6	3.4	118	2.3	2.3	176	5.7	5.1
05-14 YEARS	50	0.3	0.3	28	0.3	0.2	22	0.3	0.4
15-24 YEARS	169	0.8	0.9	104	0.7	0.7	65	0.9	1.1
25-34 YEARS	306	1.3	1.3	136	0.9	0.9	170	2.4	2.1
35-44 YEARS	485	2.6	2.5	222	1.7	1.7	263	4.8	4.6
45-54 YEARS	741	5.7	5.7	413	4.2	4.2	328	9.9	9.9
55-64 YEARS	1416	13.1	13.8	857	10.8	11.7	559	19.7	19.5
65 AND OVER	7056	49.1	50.3	4903	47.2	48.8	2153	54.1	54.0
15. PLACE OF DEATH									
HOSPITAL	6671	63.4	62.6	4113	60.7	60.6	2558	68.5	66.2
OTHER INSTITUTION	1731	16.5	17.1	1280	18.9	19.4	451	12.1	13.1
HOME OR NON-INSTITUTION	2115	20.1	20.3	1388	20.5	20.1	727	19.5	20.7
16. OCCURRENCE									
TOTAL	11687	20.2	20.2	7681	17.6	17.6	4006	28.2	28.2
OTHER EVENTS									
17. MARRIAGES	9911	7.8	8.0						
18. DIVORCES AND ANNULMENTS	5868	4.6	4.7						

* SEE DEFINITIONS AND FORMULAS (SECTION VII)

SELECTED VITAL STATISTICS FOR 1989 AND 1985-1989

D.E.H.N.R. V

ITEM	TOTAL			WHITE			NONWHITE		
	NUMBER 1989	RATE* 1989	RATE* 85-89	NUMBER 1989	RATE* 1989	RATE* 85-89	NUMBER 1989	RATE* 1989	RATE* 85-89
POPULATION									
1. TOTAL	735339	11.2	11.3	446121	9.0	9.0	289218	18.2	18.2
MALES	359879	48.9	49.2	222067	49.8	49.8	137812	47.6	48.1
FEMALES	375460	51.1	50.8	224054	50.2	50.2	151406	52.4	51.9
2. NATURAL INCREASE	7190	9.8	8.9	3141	7.0	6.7	4049	14.0	12.3
LIVE BIRTHS									
3. TOTAL	13334	18.1	17.2	7020	15.7	15.4	6314	21.8	20.1
MALES	6781	9.2	8.8	3621	8.1	7.9	3160	10.9	10.2
FEMALES	6553	8.9	8.4	3399	7.6	7.5	3154	10.9	9.8
4. ATTENDANT									
PHYSICIAN IN HOSPITAL	13060	97.9	98.7	6914	98.5	99.0	6146	97.3	98.3
PHYSICIAN NOT IN HOSPITAL	21	0.2	0.1	5	0.1	0.1	16	0.3	0.2
CERTIFIED NURSE MIDWIFE	229	1.7	1.0	95	1.4	0.7	134	2.1	1.3
OTHER ATTENDANT	24	0.2	0.2	6	0.1	0.2	18	0.3	0.2
5. PREMATURE BIRTHS	1096	8.2	8.2	389	5.5	5.8	707	11.2	11.0
6. OUT OF WEDLOCK	4311	32.3	28.3	896	12.8	10.5	3415	54.1	49.1
7. OCCURRENCE									
TOTAL	12290	12.0	12.2	6402	9.3	9.6	5888	17.4	17.7
FETAL & INFANT MORTALITY									
8. PERINATAL DEATHS	229	17.0	17.4	65	9.2	12.8	164	25.6	22.7
9. FETAL DEATHS	125	9.3	9.1	34	4.8	6.6	91	14.2	12.1
ATTENDANT									
PHYSICIAN IN HOSPITAL	121	96.8	97.2	33	97.1	98.7	88	96.7	96.3
PHYSICIAN NOT IN HOSPITAL	2	1.6	1.2	0	0.0	0.0	2	2.2	2.0
CERTIFIED NURSE MIDWIFE	1	0.8	0.3	1	2.9	0.4	0	0.0	0.3
OTHER ATTENDANT	1	0.8	1.2	0	0.0	0.9	1	1.1	1.4
OUT OF WEDLOCK	59	47.2	39.5	8	23.5	13.9	51	56.0	55.8
10. NEONATAL (UNDER 28 DAYS)	104	7.8	8.3	31	4.4	6.2	73	11.6	10.7
11. POSTNEONATAL (28 DAYS - 1 YEAR)	51	3.9	4.3	21	3.0	3.4	30	4.8	5.5
12. INFANT DEATHS (UNDER 1 YEAR)	155	11.6	12.6	52	7.4	9.6	103	16.3	16.1
DEATHS (EXCLUDING FETALS)									
13. TOTAL	6144	8.4	8.3	3879	8.7	8.7	2265	7.8	7.8
MALES	3339	9.3	9.2	2044	9.2	9.4	1295	9.4	9.0
FEMALES	2805	7.5	7.4	1835	8.2	8.0	970	6.4	6.6
14. AGE									
00-04 YEARS	188	3.4	3.4	64	2.1	2.5	124	4.9	4.5
05-14 YEARS	46	0.4	0.3	22	0.4	0.3	24	0.4	0.4
15-24 YEARS	143	1.1	1.2	89	1.2	1.2	54	0.9	1.0
25-34 YEARS	221	1.8	1.6	95	1.3	1.2	126	2.5	2.3
35-44 YEARS	273	2.7	2.8	130	2.0	2.0	143	3.7	4.1
45-54 YEARS	443	6.4	6.5	262	5.6	5.6	181	8.2	8.6
55-64 YEARS	897	14.9	15.6	568	13.4	13.8	329	18.3	19.7
65 AND OVER	3933	50.7	51.9	2649	48.8	50.6	1284	55.4	54.9
15. PLACE OF DEATH									
HOSPITAL	3875	63.1	64.0	2403	61.9	63.0	1472	65.0	65.6
OTHER INSTITUTION	1084	17.6	16.9	737	19.0	18.0	347	15.3	15.0
HOME OR NON-INSTITUTION	1185	19.3	19.1	739	19.1	19.0	446	19.7	19.3
16. OCCURRENCE									
TOTAL	5656	9.8	10.0	3517	8.1	8.3	2139	15.0	15.2
OTHER EVENTS									
17. MARRIAGES	3962	5.4	5.7						
18. DIVORCES AND ANNULMENTS	3604	4.9	4.8						

* SEE DEFINITIONS AND FORMULAS (SECTION VII)

SELECTED VITAL STATISTICS FOR 1989 AND 1985-1989

D.E.H.N.R. VI

ITEM	TOTAL			WHITE			NONWHITE		
	NUMBER	RATE*		NUMBER	RATE*		NUMBER	RATE*	
	1989	1989	85-89	1989	1989	85-89	1989	1989	85-89
POPULATION									
1. TOTAL	630675	9.6	9.7	409819	8.2	8.2	220856	13.9	14.1
MALES	301612	47.8	48.0	200709	49.0	49.0	100903	45.7	46.2
FEMALES	329063	52.2	52.0	209110	51.0	51.0	119953	54.3	53.8
2. NATURAL INCREASE	4013	6.4	5.9	1921	4.7	4.5	2092	9.5	8.5
LIVE BIRTHS									
3. TOTAL	9889	15.7	15.3	5643	13.8	13.6	4246	19.2	18.3
MALES	5096	8.1	7.8	2930	7.1	7.0	2166	9.8	9.3
FEMALES	4793	7.6	7.5	2713	6.6	6.6	2080	9.4	9.0
4. ATTENDANT									
PHYSICIAN IN HOSPITAL	9521	96.3	96.6	5344	94.7	95.2	4177	98.4	98.4
PHYSICIAN NOT IN HOSPITAL	16	0.2	0.3	10	0.2	0.4	6	0.1	0.2
CERTIFIED NURSE MIDWIFE	318	3.2	2.9	273	4.8	4.2	45	1.1	1.2
OTHER ATTENDANT	34	0.3	0.2	16	0.3	0.2	18	0.4	0.2
5. PREMATURE BIRTHS	810	8.2	8.4	295	5.2	5.6	515	12.1	12.2
6. OUT OF WEDLOCK	3119	31.5	28.7	588	10.4	8.6	2531	59.6	55.8
7. OCCURRENCE									
TOTAL	9962	9.7	10.2	5696	8.3	8.5	4266	12.6	13.8
FETAL & INFANT MORTALITY									
8. PERINATAL DEATHS	170	17.0	18.0	63	11.1	13.0	107	24.8	24.6
9. FETAL DEATHS	100	10.0	9.8	36	6.3	7.2	64	14.8	13.3
ATTENDANT									
PHYSICIAN IN HOSPITAL	96	96.0	95.9	34	94.4	95.9	62	96.9	96.0
PHYSICIAN NOT IN HOSPITAL	1	1.0	1.5	1	2.8	1.0	0	0.0	1.8
CERTIFIED NURSE MIDWIFE	1	1.0	0.6	0	0.0	1.0	1	1.6	0.4
OTHER ATTENDANT	2	2.0	1.9	1	2.8	2.0	1	1.6	1.8
OUT OF WEDLOCK	43	43.0	41.8	7	19.4	16.3	36	56.3	60.1
10. NEONATAL (UNDER 28 DAYS)	70	7.1	8.3	27	4.8	5.9	43	10.1	11.5
11. POSTNEONATAL (28 DAYS - 1 YEAR)	36	3.7	4.1	17	3.0	3.0	19	4.5	5.6
12. INFANT DEATHS (UNDER 1 YEAR)	106	10.7	12.3	44	7.8	8.8	62	14.6	17.0
DEATHS (EXCLUDING FETALS)									
13. TOTAL	5876	9.3	9.4	3722	9.1	9.1	2154	9.8	9.8
MALES	3077	10.2	10.4	1949	9.7	9.8	1128	11.2	11.5
FEMALES	2799	8.5	8.5	1773	8.5	8.5	1026	8.6	8.4
14. AGE									
00-04 YEARS	125	2.8	3.1	51	1.9	2.2	74	4.1	4.3
05-14 YEARS	25	0.3	0.3	6	0.1	0.2	19	0.5	0.4
15-24 YEARS	106	1.0	1.0	59	0.9	0.9	47	1.2	1.1
25-34 YEARS	152	1.5	1.5	81	1.2	1.1	71	2.0	2.1
35-44 YEARS	222	2.6	2.6	90	1.6	1.9	132	4.5	4.2
45-54 YEARS	346	5.6	6.1	174	4.0	4.7	172	9.7	9.6
55-64 YEARS	828	14.4	15.3	513	12.8	13.2	315	18.3	19.9
65 AND OVER	4072	52.1	53.2	2748	51.1	51.8	1324	54.2	56.1
15. PLACE OF DEATH									
HOSPITAL	3672	62.5	61.8	2281	61.3	61.0	1391	64.6	63.2
OTHER INSTITUTION	955	16.3	15.9	627	16.8	16.8	328	15.2	14.4
HOME OR NON-INSTITUTION	1249	21.3	22.3	814	21.9	22.2	435	20.2	22.3
16. OCCURRENCE									
TOTAL	5781	10.0	10.2	3655	8.4	8.4	2126	15.0	15.6
OTHER EVENTS									
17. MARRIAGES	5833	9.2	9.4						
18. DIVORCES AND ANNULMENTS	2748	4.4	4.3						

* SEE DEFINITIONS AND FORMULAS (SECTION VII)

SELECTED VITAL STATISTICS FOR 1989 AND 1985-1989

D.E.H.N.R. VII

ITEM	TOTAL NUMBER 1989	TOTAL RATE* 1989	TOTAL RATE* 85-89	WHITE NUMBER 1989	WHITE RATE* 1989	WHITE RATE* 85-89	NONWHITE NUMBER 1989	NONWHITE RATE* 1989	NONWHITE RATE* 85-89
POPULATION									
1. TOTAL	476294	7.3	7.2	360879	7.2	7.2	115415	7.3	7.3
MALES	242046	50.8	50.9	184663	51.2	51.2	57383	49.7	50.1
FEMALES	234248	49.2	49.1	176216	48.8	48.8	58032	50.3	49.9
2. NATURAL INCREASE	4473	9.4	9.4	2981	8.3	8.5	1492	12.9	12.1
LIVE BIRTHS									
3. TOTAL	8207	17.2	17.3	5735	15.9	16.3	2472	21.4	20.3
MALES	4239	8.9	8.8	2970	8.2	8.3	1269	11.0	10.3
FEMALES	3968	8.3	8.5	2765	7.7	8.0	1203	10.4	10.0
4. ATTENDANT									
PHYSICIAN IN HOSPITAL	8052	98.1	98.4	5638	98.3	98.8	2414	97.7	97.5
PHYSICIAN NOT IN HOSPITAL	16	0.2	0.2	12	0.2	0.2	4	0.2	0.3
CERTIFIED NURSE MIDWIFE	131	1.6	1.3	79	1.4	0.9	52	2.1	2.2
OTHER ATTENDANT	8	0.1	0.1	6	0.1	0.1	2	0.1	0.0
5. PREMATURE BIRTHS	595	7.2	7.2	321	5.6	5.7	274	11.1	11.0
6. OUT OF WEDLOCK	1837	22.4	19.4	655	11.4	9.3	1182	47.8	44.2
7. OCCURRENCE									
TOTAL	7837	7.6	8.0	5386	7.8	8.3	2451	7.3	7.5
FETAL & INFANT MORTALITY									
8. PERINATAL DEATHS	134	16.2	15.0	72	12.5	12.2	62	24.8	21.8
9. FETAL DEATHS	59	7.1	7.8	32	5.5	6.3	27	10.8	11.4
ATTENDANT									
PHYSICIAN IN HOSPITAL	59	100.0	98.7	32	100.0	98.9	27	100.0	98.5
PHYSICIAN NOT IN HOSPITAL	0	0.0	0.3	0	0.0	0.0	0	0.0	0.8
CERTIFIED NURSE MIDWIFE	0	0.0	0.0	0	0.0	0.0	0	0.0	0.0
OTHER ATTENDANT	0	0.0	1.0	0	0.0	1.1	0	0.0	0.8
OUT OF WEDLOCK	27	45.8	34.5	7	21.9	15.0	20	74.1	60.9
10. NEONATAL (UNDER 28 DAYS)	75	9.1	7.3	40	7.0	6.0	35	14.2	10.6
11. POSTNEONATAL (28 DAYS - 1 YEAR)	32	3.9	3.9	25	4.4	3.5	7	2.9	5.1
12. INFANT DEATHS (UNDER 1 YEAR)	107	13.0	11.2	65	11.3	9.4	42	17.0	15.6
DEATHS (EXCLUDING FETALS)									
13. TOTAL	3734	7.8	7.9	2754	7.6	7.8	980	8.5	8.3
MALES	2021	8.3	8.4	1495	8.1	8.3	526	9.2	8.9
FEMALES	1713	7.3	7.4	1259	7.1	7.3	454	7.8	7.6
14. AGE									
00-04 YEARS	119	3.3	3.0	70	2.7	2.5	49	4.9	4.3
05-14 YEARS	23	0.4	0.3	11	0.2	0.3	12	0.6	0.5
15-24 YEARS	65	0.7	0.8	45	0.7	0.8	20	0.8	0.9
25-34 YEARS	111	1.4	1.4	71	1.2	1.2	40	2.1	2.1
35-44 YEARS	157	2.4	2.4	95	1.9	1.9	62	4.3	4.3
45-54 YEARS	240	5.3	5.5	165	4.5	4.8	75	8.8	8.4
55-64 YEARS	572	14.3	14.7	432	13.3	13.6	140	18.7	19.3
65 AND OVER	2447	47.5	49.7	1865	45.4	48.4	582	55.4	54.5
15. PLACE OF DEATH									
HOSPITAL	2422	64.9	64.6	1757	63.8	64.0	665	67.9	66.7
OTHER INSTITUTION	584	15.6	15.1	435	15.8	15.4	149	15.2	14.2
HOME OR NON-INSTITUTION	728	19.5	20.2	562	20.4	20.6	166	16.9	19.1
16. OCCURRENCE									
TOTAL	3426	5.9	6.0	2526	5.8	5.9	900	6.3	6.4
OTHER EVENTS									
17. MARRIAGES	4330	9.1	9.2						
18. DIVORCES AND ANNULMENTS	2564	5.4	5.3						

* SEE DEFINITIONS AND FORMULAS (SECTION VII)

Perinatal Care Regions

REGION
TABLES

SELECTED VITAL STATISTICS FOR 1989 AND 1985-1989

P.C. REGION I - WESTERN

ITEM	TOTAL			WHITE			NONWHITE		
	NUMBER 1989	RATE* 1989	RATE* 85-89	NUMBER 1989	RATE* 1989	RATE* 85-89	NUMBER 1989	RATE* 1989	RATE* 85-89
POPULATION									
1. TOTAL	575677	8.8	8.8	536102	10.8	10.9	39575	2.5	2.5
MALES	274852	47.7	47.8	256375	47.8	47.9	18477	46.7	47.2
FEMALES	300825	52.3	52.2	279727	52.2	52.1	21098	53.3	52.8
2. NATURAL INCREASE	1146	2.0	1.7	737	1.4	1.2	409	10.3	6.7
LIVE BIRTHS									
3. TOTAL	7178	12.5	12.0	6352	11.8	11.5	826	20.9	18.7
MALES	3718	6.5	6.2	3316	6.2	5.9	402	10.2	9.5
FEMALES	3460	6.0	5.9	3036	5.7	5.6	424	10.7	9.2
4. ATTENDANT									
PHYSICIAN IN HOSPITAL	7072	98.5	97.4	6250	98.4	97.2	822	99.5	98.8
PHYSICIAN NOT IN HOSPITAL	18	0.3	0.2	17	0.3	0.3	1	0.1	0.1
CERTIFIED NURSE MIDWIFE	56	0.8	1.8	55	0.9	2.0	1	0.1	0.6
OTHER ATTENDANT	32	0.4	0.6	30	0.5	0.6	2	0.2	0.4
5. PREMATURE BIRTHS	497	6.9	6.8	399	6.3	6.3	98	11.9	10.8
6. OUT OF WEDLOCK	1479	20.6	18.5	997	15.7	13.9	482	58.4	56.6
7. OCCURRENCE									
TOTAL	6858	6.7	6.9	6056	8.8	9.0	802	2.4	2.4
FETAL & INFANT MORTALITY									
8. PERINATAL DEATHS	103	14.2	15.2	78	12.2	13.6	25	29.7	28.1
9. FETAL DEATHS	63	8.7	8.6	46	7.2	7.5	17	20.2	16.8
ATTENDANT									
PHYSICIAN IN HOSPITAL	59	93.7	96.6	45	97.6	97.4	14	82.4	93.7
PHYSICIAN NOT IN HOSPITAL	1	1.6	1.0	0	0.0	0.4	1	5.9	3.2
CERTIFIED NURSE MIDWIFE	1	1.6	1.0	1	2.2	1.3	0	0.0	0.0
OTHER ATTENDANT	2	3.2	1.4	0	0.0	0.9	2	11.8	3.2
OUT OF WEDLOCK	16	25.4	34.0	7	15.2	26.0	9	52.9	63.5
10. NEONATAL (UNDER 28 DAYS)	40	5.6	6.7	32	5.0	6.1	8	9.7	11.4
11. POSTNEONATAL (28 DAYS - 1 YEAR)	23	3.2	3.1	19	3.0	2.9	4	4.9	4.1
12. INFANT DEATHS (UNDER 1 YEAR)	63	8.8	9.7	51	8.0	9.0	12	14.5	15.5
DEATHS (EXCLUDING FETALS)									
13. TOTAL	6032	10.5	10.3	5615	10.5	10.4	417	10.5	9.9
MALES	3152	11.5	11.5	2945	11.5	11.5	207	11.2	11.1
FEMALES	2880	9.6	9.3	2670	9.5	9.3	210	10.0	8.9
14. AGE									
00-04 YEARS	76	2.2	2.3	62	2.0	2.1	14	4.6	4.5
05-14 YEARS	23	0.3	0.3	19	0.3	0.3	4	0.6	0.5
15-24 YEARS	79	1.0	1.0	66	0.9	1.0	13	1.8	1.0
25-34 YEARS	113	1.3	1.3	95	1.2	1.2	18	2.9	2.3
35-44 YEARS	173	2.1	2.1	155	2.0	1.9	18	3.4	4.0
45-54 YEARS	307	4.8	4.9	277	4.6	4.7	30	9.0	8.5
55-64 YEARS	673	11.5	12.1	612	11.0	11.7	61	20.7	19.0
65 AND OVER	4588	48.1	48.2	4329	47.7	47.9	259	56.0	54.4
15. PLACE OF DEATH									
HOSPITAL	3489	57.8	57.8	3244	57.8	57.7	245	58.8	60.3
OTHER INSTITUTION	1259	20.9	21.7	1176	20.9	21.8	83	19.9	20.1
HOME OR NON-INSTITUTION	1284	21.3	20.4	1195	21.3	20.5	89	21.3	19.7
16. OCCURRENCE									
TOTAL	6105	10.6	10.6	5670	13.0	13.0	435	3.1	3.1
OTHER EVENTS									
17. MARRIAGES	4780	8.3	8.4						
18. DIVORCES AND ANNULMENTS	2753	4.8	4.7						

* SEE DEFINITIONS AND FORMULAS (SECTION VII)

SELECTED VITAL STATISTICS FOR 1989 AND 1985-1989

P.C. REGION II - NORTHWESTERN

ITEM	TOTAL			WHITE			NONWHITE		
	NUMBER 1989	RATE* 1989	RATE* 85-89	NUMBER 1989	RATE* 1989	RATE* 85-89	NUMBER 1989	RATE* 1989	RATE* 85-89
POPULATION									
1. TOTAL	1721803	26.2	26.4	1448255	29.1	29.3	273548	17.2	17.2
MALES	823692	47.8	47.9	697277	48.1	48.2	126415	46.2	46.5
FEMALES	898111	52.2	52.1	750978	51.9	51.8	147133	53.8	53.5
2. NATURAL INCREASE	8926	5.2	4.6	5943	4.1	3.6	2983	10.9	9.5
LIVE BIRTHS									
3. TOTAL	24335	14.1	13.3	18838	13.0	12.4	5497	20.1	18.2
MALES	12326	7.2	6.8	9569	6.6	6.3	2757	10.1	9.2
FEMALES	12009	7.0	6.5	9269	6.4	6.1	2740	10.0	9.1
4. ATTENDANT									
PHYSICIAN IN HOSPITAL	23984	98.6	98.7	18565	98.6	98.6	5419	98.6	99.0
PHYSICIAN NOT IN HOSPITAL	25	0.1	0.1	18	0.1	0.1	7	0.1	0.2
CERTIFIED NURSE MIDWIFE	222	0.9	0.9	175	0.9	1.0	47	0.9	0.5
OTHER ATTENDANT	104	0.4	0.3	80	0.4	0.3	24	0.4	0.3
5. PREMATURE BIRTHS	1891	7.8	7.8	1186	6.3	6.4	705	12.8	12.7
6. OUT OF WEDLOCK	6059	24.9	22.5	2621	13.9	11.9	3438	62.5	60.5
7. OCCURRENCE									
TOTAL	24354	23.7	23.6	18855	27.3	27.1	5499	16.3	16.1
FETAL & INFANT MORTALITY									
8. PERINATAL DEATHS	404	16.5	15.5	266	14.0	13.2	138	24.7	23.4
9. FETAL DEATHS	224	9.1	8.0	144	7.6	6.9	80	14.3	11.7
ATTENDANT									
PHYSICIAN IN HOSPITAL	217	96.9	96.5	141	97.9	97.2	76	95.0	94.8
PHYSICIAN NOT IN HOSPITAL	3	1.3	1.4	1	0.7	1.0	2	2.5	2.4
CERTIFIED NURSE MIDWIFE	2	0.9	0.4	1	0.7	0.3	1	1.2	0.7
OTHER ATTENDANT	2	0.9	1.7	1	0.7	1.5	1	1.2	2.1
OUT OF WEDLOCK	96	42.9	35.9	35	24.3	19.5	61	76.2	70.7
10. NEONATAL (UNDER 28 DAYS)	180	7.4	7.6	122	6.5	6.3	58	10.6	11.9
11. POSTNEONATAL (28 DAYS - 1 YEAR)	96	4.0	4.3	63	3.4	3.7	33	6.1	6.4
12. INFANT DEATHS (UNDER 1 YEAR)	276	11.3	11.8	185	9.8	10.0	91	16.6	18.2
DEATHS (EXCLUDING FETALS)									
13. TOTAL	15409	8.9	8.8	12895	8.9	8.8	2514	9.2	8.7
MALES	8076	9.8	9.7	6746	9.7	9.7	1330	10.5	10.0
FEMALES	7333	8.2	7.9	6149	8.2	7.9	1184	8.0	7.5
14. AGE									
00-04 YEARS	322	3.0	3.0	219	2.6	2.5	103	5.0	4.9
05-14 YEARS	80	0.4	0.2	59	0.3	0.3	21	0.5	0.2
15-24 YEARS	287	1.1	1.0	225	1.0	1.0	62	1.1	1.1
25-34 YEARS	406	1.4	1.3	273	1.1	1.1	133	2.7	2.1
35-44 YEARS	511	2.0	2.1	351	1.6	1.8	160	4.2	4.2
45-54 YEARS	985	5.1	5.1	759	4.5	4.6	226	9.6	9.1
55-64 YEARS	2106	12.7	12.7	1722	11.7	11.8	384	20.7	20.0
65 AND OVER	10712	48.8	49.3	9287	47.6	48.4	1425	56.7	56.7
15. PLACE OF DEATH									
HOSPITAL	9701	63.0	63.3	7992	62.0	62.5	1709	68.0	67.5
OTHER INSTITUTION	2676	17.4	17.3	2325	18.0	18.1	351	14.0	13.2
HOME OR NON-INSTITUTION	3032	19.7	19.4	2578	20.0	19.4	454	18.1	19.2
16. OCCURRENCE									
TOTAL	15405	26.6	26.5	12855	29.5	29.4	2550	17.9	17.5
OTHER EVENTS									
17. MARRIAGES	14316	8.3	8.6						
18. DIVORCES AND ANNULMENTS	8469	4.9	5.0						

* SEE DEFINITIONS AND FORMULAS (SECTION VII)

SELECTED VITAL STATISTICS FOR 1989 AND 1985-1989

P.C. REGION III - SOUTHWESTERN

ITEM	TOTAL NUMBER 1989	TOTAL RATE* 1989	TOTAL RATE* 85-89	WHITE NUMBER 1989	WHITE RATE* 1989	WHITE RATE* 85-89	NONWHITE NUMBER 1989	NONWHITE RATE* 1989	NONWHITE RATE* 85-89
POPULATION									
1. TOTAL	1058941	16.1	16.0	823419	16.5	16.4	235522	14.8	14.6
MALES	504888	47.7	47.8	396731	48.2	48.2	108157	45.9	46.3
FEMALES	554053	52.3	52.2	426688	51.8	51.8	127365	54.1	53.7
2. NATURAL INCREASE	8576	8.1	7.2	5135	6.2	5.6	3441	14.6	12.8
LIVE BIRTHS									
3. TOTAL	17279	16.3	15.4	11882	14.4	13.8	5397	22.9	20.9
MALES	8705	8.2	7.9	6005	7.3	7.1	2700	11.5	10.6
FEMALES	8574	8.1	7.5	5877	7.1	6.7	2697	11.5	10.3
4. ATTENDANT									
PHYSICIAN IN HOSPITAL	17085	98.9	99.1	11717	98.6	98.9	5368	99.5	99.5
PHYSICIAN NOT IN HOSPITAL	28	0.2	0.1	14	0.1	0.1	14	0.3	0.2
CERTIFIED NURSE MIDWIFE	133	0.8	0.6	125	1.1	0.7	8	0.1	0.2
OTHER ATTENDANT	33	0.2	0.2	26	0.2	0.2	7	0.1	0.1
5. PREMATURE BIRTHS	1464	8.5	8.3	734	6.2	6.2	730	13.5	13.0
6. OUT OF WEDLOCK	4841	28.0	26.1	1480	12.5	11.1	3361	62.3	60.8
7. OCCURRENCE									
TOTAL	18678	18.2	17.8	13101	19.0	18.6	5577	16.5	16.3
FETAL & INFANT MORTALITY									
8. PERINATAL DEATHS	247	14.2	16.6	119	10.0	13.3	128	23.5	24.1
9. FETAL DEATHS	120	6.9	8.6	60	5.0	7.2	60	11.0	11.7
ATTENDANT									
PHYSICIAN IN HOSPITAL	117	97.5	97.1	58	96.7	98.0	59	98.3	95.7
PHYSICIAN NOT IN HOSPITAL	1	0.8	1.6	1	1.7	0.8	0	0.0	2.8
CERTIFIED NURSE MIDWIFE	0	0.0	0.1	0	0.0	0.3	0	0.0	0.0
OTHER ATTENDANT	2	1.7	1.2	1	1.7	1.0	1	1.7	1.4
OUT OF WEDLOCK	53	44.2	35.0	11	18.3	14.8	42	70.0	63.7
10. NEONATAL (UNDER 28 DAYS)	127	7.3	8.1	59	5.0	6.1	68	12.6	12.6
11. POSTNEONATAL (28 DAYS - 1 YEAR)	63	3.7	3.9	34	2.9	3.0	29	5.4	6.2
12. INFANT DEATHS (UNDER 1 YEAR)	190	11.0	12.0	93	7.8	9.1	97	18.0	18.7
DEATHS (EXCLUDING FETALS)									
13. TOTAL	8703	8.2	8.2	6747	8.2	8.2	1956	8.3	8.1
MALES	4614	9.1	9.0	3516	8.9	8.9	1098	10.2	9.6
FEMALES	4089	7.4	7.4	3231	7.6	7.6	858	6.7	6.8
14. AGE									
00-04 YEARS	225	3.2	3.2	115	2.2	2.4	110	5.6	5.4
05-14 YEARS	41	0.3	0.3	26	0.3	0.3	15	0.4	0.3
15-24 YEARS	187	1.1	1.0	123	1.0	1.0	64	1.5	1.1
25-34 YEARS	300	1.6	1.3	171	1.2	1.1	129	2.9	2.3
35-44 YEARS	401	2.5	2.3	238	1.9	1.7	163	4.7	4.4
45-54 YEARS	587	5.2	5.6	391	4.1	4.6	196	10.3	10.5
55-64 YEARS	1194	12.5	13.3	912	11.2	11.9	282	19.9	20.8
65 AND OVER	5768	46.8	48.3	4771	45.6	47.2	997	53.8	54.4
15. PLACE OF DEATH									
HOSPITAL	5363	61.6	62.2	4069	60.3	61.2	1294	66.2	65.8
OTHER INSTITUTION	1430	16.4	16.0	1210	17.9	17.3	220	11.2	11.5
HOME OR NON-INSTITUTION	1910	21.9	21.8	1468	21.8	21.5	442	22.6	22.7
16. OCCURRENCE									
TOTAL	8964	15.5	15.3	7009	16.1	15.9	1955	13.8	13.4
OTHER EVENTS									
17. MARRIAGES	6915	6.5	6.4						
18. DIVORCES AND ANNULMENTS	5646	5.3	5.4						

* SEE DEFINITIONS AND FORMULAS (SECTION VII)

SELECTED VITAL STATISTICS FOR 1989 AND 1985-1989

P.C. REGION IV - NORTHEASTERN

ITEM	TOTAL NUMBER 1989	TOTAL RATE* 1989	TOTAL RATE* 85-89	WHITE NUMBER 1989	WHITE RATE* 1989	WHITE RATE* 85-89	NONWHITE NUMBER 1989	NONWHITE RATE* 1989	NONWHITE RATE* 85-89
POPULATION									
1. TOTAL	1118957	17.0	16.8	810176	16.3	16.0	308781	19.4	19.2
MALES	535321	47.8	48.0	392137	48.4	48.4	143184	46.4	46.8
FEMALES	583636	52.2	52.0	418039	51.6	51.6	165597	53.6	53.2
2. NATURAL INCREASE	8881	7.9	6.8	5089	6.3	5.5	3792	12.3	10.0
LIVE BIRTHS									
3. TOTAL	17809	15.9	14.7	11257	13.9	13.2	6552	21.2	18.6
MALES	9122	8.2	7.5	5819	7.2	6.7	3303	10.7	9.4
FEMALES	8687	7.8	7.2	5438	6.7	6.4	3249	10.5	9.3
4. ATTENDANT									
PHYSICIAN IN HOSPITAL	17229	96.7	96.6	10733	95.3	95.3	6496	99.1	99.1
PHYSICIAN NOT IN HOSPITAL	22	0.1	0.1	12	0.1	0.1	10	0.2	0.2
CERTIFIED NURSE MIDWIFE	528	3.0	3.1	491	4.4	4.4	37	0.6	0.6
OTHER ATTENDANT	30	0.2	0.2	21	0.2	0.3	9	0.1	0.1
5. PREMATURE BIRTHS	1510	8.5	8.0	650	5.8	5.6	860	13.1	12.5
6. OUT OF WEDLOCK	4926	27.7	24.6	1105	9.8	8.2	3821	58.3	54.5
7. OCCURRENCE									
TOTAL	18600	18.1	17.4	11669	16.9	16.3	6931	20.5	19.6
FETAL & INFANT MORTALITY									
8. PERINATAL DEATHS	322	17.9	17.4	148	13.0	12.8	174	26.2	25.8
9. FETAL DEATHS	165	9.2	9.0	87	7.7	6.7	78	11.8	13.1
ATTENDANT									
PHYSICIAN IN HOSPITAL	163	98.8	97.3	86	98.9	97.7	77	98.7	97.1
PHYSICIAN NOT IN HOSPITAL	0	0.0	0.7	0	0.0	0.3	0	0.0	1.1
CERTIFIED NURSE MIDWIFE	0	0.0	0.7	0	0.0	1.5	0	0.0	0.0
OTHER ATTENDANT	2	1.2	1.3	1	1.1	0.6	1	1.3	1.9
OUT OF WEDLOCK	63	38.2	39.2	16	18.4	16.3	47	60.3	60.3
10. NEONATAL (UNDER 28 DAYS)	157	8.8	8.5	61	5.4	6.2	96	14.7	12.9
11. POSTNEONATAL (28 DAYS - 1 YEAR)	60	3.4	3.7	27	2.4	2.7	33	5.1	5.5
12. INFANT DEATHS (UNDER 1 YEAR)	217	12.2	12.2	88	7.8	8.9	129	19.7	18.3
DEATHS (EXCLUDING FETALS)									
13. TOTAL	8928	8.0	7.9	6168	7.6	7.6	2760	8.9	8.6
MALES	4696	8.8	8.8	3147	8.0	8.2	1549	10.8	10.4
FEMALES	4232	7.3	7.2	3021	7.2	7.2	1211	7.3	7.1
14. AGE									
00-04 YEARS	244	3.5	3.3	98	2.1	2.4	146	6.4	5.2
05-14 YEARS	38	0.3	0.3	24	0.3	0.3	14	0.3	0.4
15-24 YEARS	144	0.7	0.8	98	0.7	0.7	46	0.8	0.9
25-34 YEARS	248	1.2	1.2	128	0.9	0.9	120	2.1	1.9
35-44 YEARS	404	2.5	2.4	209	1.7	1.7	195	4.5	4.3
45-54 YEARS	619	5.3	5.2	381	4.2	4.1	238	9.0	8.9
55-64 YEARS	1192	12.4	13.0	776	10.5	11.3	416	19.0	18.5
65 AND OVER	6039	47.7	48.8	4454	46.3	47.6	1585	52.2	52.4
15. PLACE OF DEATH									
HOSPITAL	5385	60.3	59.9	3574	57.9	58.2	1811	65.6	63.9
OTHER INSTITUTION	1586	17.8	18.0	1222	19.8	19.9	364	13.2	13.6
HOME OR NON-INSTITUTION	1957	21.9	22.1	1372	22.2	21.9	585	21.2	22.5
16. OCCURRENCE									
TOTAL	10068	17.4	17.2	7027	16.1	15.8	3041	21.4	21.3
OTHER EVENTS									
17. MARRIAGES	8870	7.9	8.1						
18. DIVORCES AND ANNULMENTS	5411	4.8	4.9						

* SEE DEFINITIONS AND FORMULAS (SECTION VII)

SELECTED VITAL STATISTICS FOR 1989 AND 1985-1989

P.C. REGION V - SOUTHEASTERN

ITEM	TOTAL			WHITE			NONWHITE		
	NUMBER 1989	RATE* 1989	RATE* 85-89	NUMBER 1989	RATE* 1989	RATE* 85-89	NUMBER 1989	RATE* 1989	RATE* 85-89
POPULATION									
1. TOTAL	960338	14.6	14.7	621311	12.5	12.5	339027	21.3	21.3
MALES	467769	48.7	48.9	307059	49.4	49.5	160710	47.4	47.8
FEMALES	492569	51.3	51.1	314252	50.6	50.5	178317	52.6	52.2
2. NATURAL INCREASE	8353	8.7	7.9	3829	6.2	5.8	4524	13.3	11.8
LIVE BIRTHS									
3. TOTAL	16473	17.2	16.4	9136	14.7	14.5	7337	21.6	19.9
MALES	8419	8.8	8.3	4727	7.6	7.4	3692	10.9	10.1
FEMALES	8054	8.4	8.0	4409	7.1	7.1	3645	10.6	9.8
4. ATTENDANT									
PHYSICIAN IN HOSPITAL	16101	97.7	98.3	8981	98.3	98.8	7120	97.0	97.8
PHYSICIAN NOT IN HOSPITAL	26	0.2	0.1	7	0.1	0.1	19	0.3	0.2
CERTIFIED NURSE MIDWIFE	320	1.9	1.3	140	1.5	1.0	180	2.5	1.8
OTHER ATTENDANT	26	0.2	0.2	8	0.1	0.2	16	0.2	0.2
5. PREMATURE BIRTHS	1344	8.2	8.2	512	5.6	5.8	832	11.3	11.3
6. OUT OF WEDLOCK	5279	32.0	28.0	1227	13.4	11.0	4052	55.2	50.5
7. OCCURRENCE									
TOTAL	15683	15.3	15.5	8661	12.6	12.9	7022	20.8	21.1
FETAL & INFANT MORTALITY									
8. PERINATAL DEATHS	285	17.1	16.9	103	11.2	12.8	182	24.5	22.4
9. FETAL DEATHS	152	9.1	9.0	51	5.6	6.7	101	13.6	12.1
ATTENDANT									
PHYSICIAN IN HOSPITAL	148	97.4	97.4	50	98.0	98.3	98	97.0	96.8
PHYSICIAN NOT IN HOSPITAL	2	1.3	1.0	0	0.0	0.0	2	2.0	1.7
CERTIFIED NURSE MIDWIFE	1	0.7	0.3	1	2.0	0.3	0	0.0	0.2
OTHER ATTENDANT	1	0.7	1.3	0	0.0	1.4	1	1.0	1.2
OUT OF WEDLOCK	73	48.0	40.4	12	23.5	16.9	61	60.4	57.5
10. NEONATAL (UNDER 28 DAYS)	133	8.1	8.0	52	5.7	6.1	81	11.0	10.5
11. POSTNEONATAL (28 DAYS - 1 YEAR)	69	4.2	4.1	36	4.0	3.5	33	4.5	5.0
12. INFANT DEATHS (UNDER 1 YEAR)	202	12.3	12.1	88	9.6	9.6	114	15.5	15.4
DEATHS (EXCLUDING FETALS)									
13. TOTAL	8120	8.5	8.4	5307	8.5	8.6	2813	8.3	8.1
MALES	4379	9.4	9.4	2809	9.1	9.4	1570	9.8	9.3
FEMALES	3741	7.6	7.5	2498	7.9	7.9	1243	7.0	6.9
14. AGE									
00-04 YEARS	243	3.4	3.2	103	2.5	2.4	140	4.8	4.3
05-14 YEARS	58	0.4	0.3	28	0.3	0.3	30	0.5	0.4
15-24 YEARS	172	1.0	1.1	112	1.1	1.2	60	0.9	1.0
25-34 YEARS	277	1.7	1.6	132	1.3	1.2	145	2.5	2.3
35-44 YEARS	357	2.6	2.7	181	2.0	2.0	176	3.9	4.2
45-54 YEARS	582	6.2	6.3	351	5.2	5.4	231	8.7	8.6
55-64 YEARS	1213	14.9	15.5	801	13.4	14.0	412	18.9	19.7
65 AND OVER	5218	49.7	51.4	3599	47.3	50.0	1619	55.9	54.9
15. PLACE OF DEATH									
HOSPITAL	5099	62.8	63.6	3278	61.8	62.7	1821	64.7	65.4
OTHER INSTITUTION	1392	17.1	16.5	960	18.1	17.5	432	15.4	14.6
HOME OR NON-INSTITUTION	1629	20.1	19.9	1069	20.1	19.9	560	19.9	20.0
16. OCCURRENCE									
TOTAL	7669	13.3	13.5	4973	11.4	11.7	2696	19.0	19.0
OTHER EVENTS									
17. MARRIAGES	5746	6.0	6.2						
18. DIVORCES AND ANNULMENTS	4799	5.0	4.9						

* SEE DEFINITIONS AND FORMULAS (SECTION VII)

SELECTED VITAL STATISTICS FOR 1989 AND 1985-1989

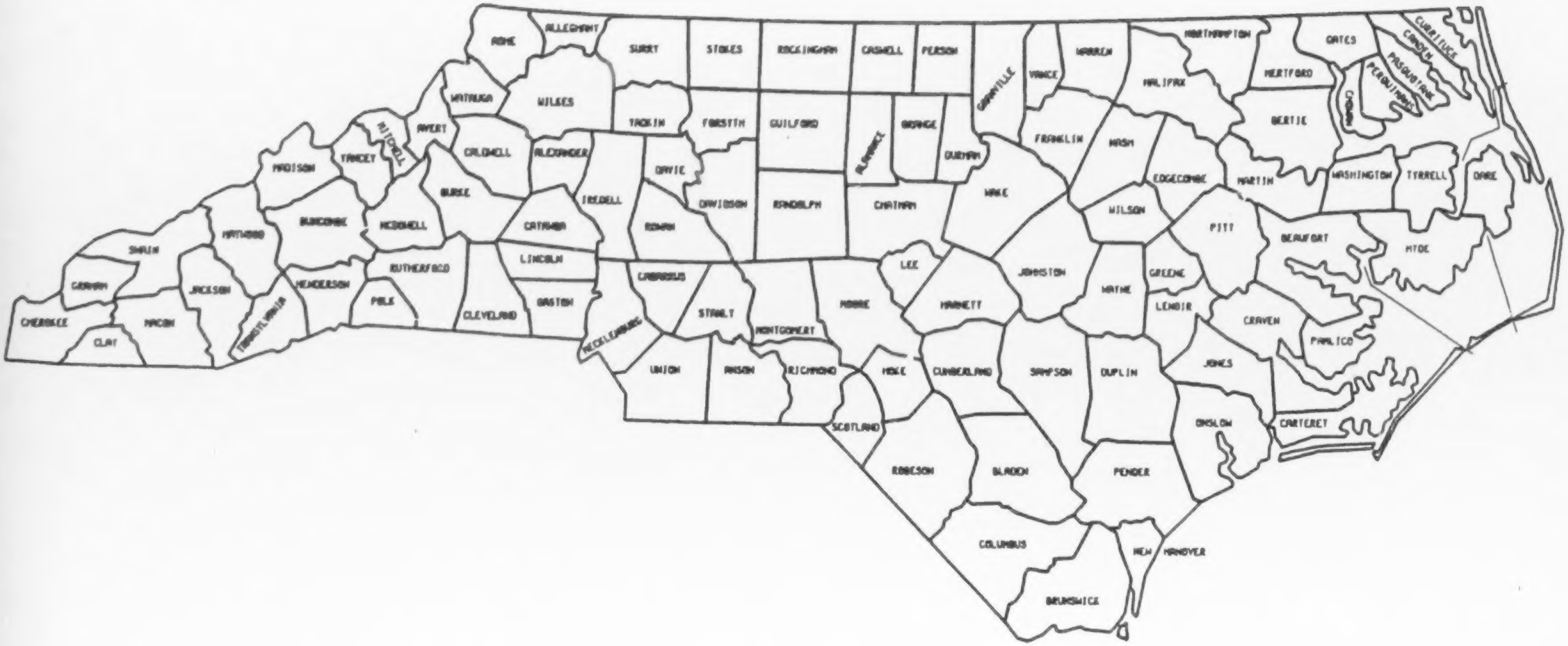
P.C. REGION VI - EASTERN

ITEM	TOTAL			WHITE			NONWHITE		
	NUMBER 1989	RATE* 1989	RATE* 85-89	NUMBER 1989	RATE* 1989	RATE* 85-89	NUMBER 1989	RATE* 1989	RATE* 85-89
POPULATION									
1. TOTAL	1133267	17.3	17.4	740014	14.9	14.9	393253	24.7	25.1
MALES	553680	48.9	49.0	369289	49.9	49.9	184391	46.9	47.3
FEMALES	579587	51.1	51.0	370725	50.1	50.1	208862	53.1	52.7
2. NATURAL INCREASE	8771	7.7	7.3	4494	6.1	6.0	4277	10.9	9.7
LIVE BIRTHS									
3. TOTAL	19017	16.8	16.4	10990	14.9	14.8	8027	20.4	19.2
MALES	9773	8.6	8.4	5670	7.7	7.6	4103	10.4	9.8
FEMALES	9244	8.2	8.0	5320	7.2	7.2	3924	10.0	9.5
4. ATTENDANT									
PHYSICIAN IN HOSPITAL	18578	97.7	97.9	10636	96.8	97.2	7942	98.9	99.0
PHYSICIAN NOT IN HOSPITAL	36	0.2	0.3	23	0.2	0.3	13	0.2	0.2
CERTIFIED NURSE MIDWIFE	362	1.9	1.6	310	2.8	2.3	52	0.6	0.7
OTHER ATTENDANT	41	0.2	0.1	21	0.2	0.2	20	0.2	0.1
5. PREMATURE BIRTHS	1572	8.3	8.2	609	5.5	5.6	963	12.0	11.8
6. OUT OF WEDLOCK	5715	30.1	27.4	1126	10.2	8.6	4589	57.2	54.0
7. OCCURRENCE									
TOTAL	18579	18.1	18.8	10666	15.5	16.1	7913	23.5	24.5
FETAL & INFANT MORTALITY									
8. PERINATAL DEATHS	328	17.1	17.7	127	11.5	12.8	201	24.7	24.6
9. FETAL DEATHS	175	9.1	9.4	67	6.1	7.0	108	13.3	12.8
ATTENDANT									
PHYSICIAN IN HOSPITAL	171	97.7	96.8	65	97.0	97.1	106	98.1	96.5
PHYSICIAN NOT IN HOSPITAL	1	0.6	1.0	1	1.5	0.5	0	0.0	1.4
CERTIFIED NURSE MIDWIFE	1	0.6	0.3	0	0.0	0.5	1	0.9	0.2
OTHER ATTENDANT	2	1.1	1.9	1	1.5	1.9	1	0.9	1.8
OUT OF WEDLOCK	82	46.9	41.7	14	20.9	14.4	68	63.0	62.7
10. NEONATAL (UNDER 28 DAYS)	153	8.0	8.4	60	5.5	5.9	93	11.6	12.0
11. POSTNEONATAL (28 DAYS - 1 YEAR)	70	3.7	4.3	33	3.0	3.2	37	4.7	5.8
12. INFANT DEATHS (UNDER 1 YEAR)	223	11.7	12.6	93	8.5	9.0	130	16.2	17.8
DEATHS (EXCLUDING FETALS)									
13. TOTAL	10246	9.0	9.1	6496	8.8	8.8	3750	9.5	9.5
MALES	5393	9.7	9.9	3384	9.2	9.3	2009	10.9	11.1
FEMALES	4853	8.4	8.3	3112	8.4	8.4	1741	8.3	8.2
14. AGE									
00-04 YEARS	259	3.1	3.3	109	2.2	2.4	150	4.5	4.6
05-14 YEARS	48	0.3	0.4	17	0.2	0.3	31	0.5	0.5
15-24 YEARS	178	0.9	0.9	99	0.8	0.8	79	1.1	1.1
25-34 YEARS	288	1.5	1.5	141	1.2	1.1	147	2.3	2.2
35-44 YEARS	405	2.6	2.7	170	1.6	1.6	235	4.6	4.4
45-54 YEARS	636	5.9	6.3	326	4.2	4.7	310	10.1	10.2
55-64 YEARS	1447	14.5	15.3	890	12.6	13.2	557	19.1	20.2
65 AND OVER	6985	51.9	52.8	4744	50.4	51.2	2241	55.2	56.3
15. PLACE OF DEATH									
HOSPITAL	6686	65.3	64.2	4151	63.9	63.5	2535	67.6	65.6
OTHER INSTITUTION	1596	15.6	15.4	1077	16.6	16.3	519	13.8	14.0
HOME OR NON-INSTITUTION	1954	19.2	20.3	1268	19.5	20.2	696	18.6	20.5
16. OCCURRENCE									
TOTAL	9645	16.7	17.0	6108	14.0	14.1	3537	24.9	25.8
OTHER EVENTS									
17. MARRIAGES	10388	9.2	9.4						
18. DIVORCES AND ANNULMENTS	5194	4.6	4.5						

* SEE DEFINITIONS AND FORMULAS (SECTION VII)

COUNTY TABLES

NORTH CAROLINA


ASHE
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SURRY
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WARREN
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CURRITUCK
CAMDEN
PASQUOTANK
PERQUIMANS
HERTFORD
CHOWAN
WATAUGA
WILKES
YADKIN
FORSYTH
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ALAMANCE
ORANGE
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DAVIE
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RANDOLPH
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NASH
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MARTIN
WASHINGTON
TYRRELL
DARE
BURKE
BUNCOMBE
MCDOWELL
CATAWBA
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WAYNE
GREENE
CHEROKEE
CLAY
MACON
TRANSYLVANIA
POLK
CLEVELAND
GASTON
STANLY
MOORE
HARNETT
LENOIR
CRAVEN
PAMLICO
MECKLENBURG
MONTGOMERY
UNION
ANSON
RICHMOND
HOKE
CUMBERLAND
SAMPSON
DUPLIN
JONES
SCOTLAND
ONSLOW
CARTERET
ROBESON
BLADEN
PENDER
COLUMBUS
NEW HANOVER
BRUNSWICK

SELECTED VITAL STATISTICS FOR 1989 AND 1985-1989

ALAMANCE COUNTY

	TOTAL			WHITE			NONWHITE		
ITEM	NUMBER 1989	RATE* 1989	RATE* 85-89	NUMBER 1989	RATE* 1989	RATE* 85-89	NUMBER 1989	RATE* 1989	RATE* 85-89
POPULATION									
1. TOTAL	106956	1.6	1.6	84815	1.7	1.7	22141	1.4	1.4
MALES	50096	46.8	47.0	39989	47.1	47.2	10107	45.6	46.1
FEMALES	56860	53.2	53.0	44826	52.9	52.8	12034	54.4	53.9
2. NATURAL INCREASE	438	4.1	3.9	183	2.2	2.4	255	11.5	9.5
LIVE BIRTHS									
3. TOTAL	1535	14.4	13.5	1067	12.6	12.2	468	21.1	18.6
MALES	746	7.0	6.8	517	6.1	6.2	229	10.3	9.1
FEMALES	789	7.4	6.7	550	6.5	6.0	239	10.8	9.5
4. ATTENDANT									
PHYSICIAN IN HOSPITAL	1522	99.2	99.2	1055	98.9	99.0	467	99.8	99.7
PHYSICIAN NOT IN HOSPITAL	1	0.1	0.1	1	0.1	0.1	0	0.0	0.2
CERTIFIED NURSE MIDWIFE	7	0.5	0.6	7	0.7	0.8	0	0.0	0.0
OTHER ATTENDANT	5	0.3	0.2	4	0.4	0.2	1	0.2	0.1
5. PREMATURE BIRTHS	121	7.9	8.1	63	5.9	6.1	58	12.4	13.2
6. OUT OF WEDLOCK	441	28.7	24.8	146	13.7	11.2	295	63.0	59.0
7. OCCURRENCE									
TOTAL	1167	1.1	1.2	858	1.2	1.3	309	0.9	0.9
TO RESIDENTS	1049	89.9	88.6	764	89.0	87.8	285	92.2	91.2
FETAL & INFANT MORTALITY									
8. PERINATAL DEATHS	28	18.1	14.8	18	16.7	11.9	10	21.2	22.1
9. FETAL DEATHS	16	10.3	9.2	12	11.1	7.6	4	8.5	13.2
ATTENDANT									
PHYSICIAN IN HOSPITAL	16	100.0	97.0	12	100.0	100.0	4	100.0	92.6
PHYSICIAN NOT IN HOSPITAL	0	0.0	1.5	0	0.0	0.0	0	0.0	3.7
CERTIFIED NURSE MIDWIFE	0	0.0	0.0	0	0.0	0.0	0	0.0	0.0
OTHER ATTENDANT	0	0.0	1.5	0	0.0	0.0	0	0.0	3.7
OUT OF WEDLOCK	6	37.5	47.0	4	33.3	25.6	2	50.0	77.8
10. NEONATAL (UNDER 28 DAYS)	12	7.8	5.6	6	5.6	4.3	6	12.8	9.0
11. POSTNEONATAL (28 DAYS - 1 YEAR)	5	3.3	3.7	1	0.9	3.2	4	8.7	5.0
12. INFANT DEATHS (UNDER 1 YEAR)	17	11.1	9.3	7	6.6	7.5	10	21.4	13.9
DEATHS (EXCLUDING FETALS)									
13. TOTAL	1097	10.3	9.6	884	10.4	9.8	213	9.6	9.1
MALES	568	11.3	10.8	453	11.3	10.8	115	11.4	11.1
FEMALES	529	9.3	8.6	431	9.6	8.9	98	8.1	7.5
14. AGE									
00-04 YEARS	22	3.7	3.1	8	1.8	2.3	14	9.5	5.6
05-14 YEARS	1	0.1	0.4	1	0.1	0.3	0	0.0	0.6
15-24 YEARS	16	1.0	0.9	11	0.9	0.9	5	1.3	0.9
25-34 YEARS	26	1.6	1.3	17	1.4	1.1	9	2.4	1.8
35-44 YEARS	32	2.0	2.1	22	1.8	1.7	10	3.0	3.5
45-54 YEARS	69	5.6	5.0	46	4.5	4.2	23	10.8	9.0
55-64 YEARS	142	12.1	12.6	101	10.2	11.4	41	22.7	19.1
65 AND OVER	789	47.6	46.7	678	48.0	46.1	111	45.2	49.6
15. PLACE OF DEATH									
HOSPITAL	625	57.0	57.6	488	55.2	56.7	137	64.3	61.2
OTHER INSTITUTION	199	18.1	15.9	175	19.8	16.9	24	11.3	11.7
HOME OR NON-INSTITUTION	273	24.9	26.5	221	25.0	26.4	52	24.4	27.0
16. OCCURRENCE									
TOTAL	929	1.6	1.5	773	1.8	1.7	156	1.1	1.1
TO RESIDENTS	846	91.1	90.1	703	90.9	90.1	143	91.7	90.0
OTHER EVENTS									
17. MARRIAGES	940	8.8	9.2						
18. DIVORCES AND ANNULMENTS	650	6.1	6.0						

* SEE DEFINITIONS AND FORMULAS (SECTION VII)

SELECTED VITAL STATISTICS FOR 1989 AND 1985-1989

ALEXANDER COUNTY

ITEM	TOTAL			WHITE			NONWHITE		
	NUMBER 1989	RATE* 1989	RATE* 85-89	NUMBER 1989	RATE* 1989	RATE* 85-89	NUMBER 1989	RATE* 1989	RATE* 85-89
POPULATION									
1. TOTAL	28035	0.4	0.4	26333	0.5	0.5	1702	0.1	0.1
MALES	13907	49.6	49.6	13038	49.5	49.4	869	51.1	51.2
FEMALES	14128	50.4	50.4	13295	50.5	50.6	833	48.9	48.8
2. NATURAL INCREASE	128	4.6	5.1	102	3.9	4.8	26	15.3	9.3
LIVE BIRTHS									
3. TOTAL	351	12.5	12.3	311	11.8	12.0	40	23.5	16.7
MALES	177	6.3	6.2	156	5.9	6.0	21	12.3	8.9
FEMALES	174	6.2	6.1	155	5.9	5.9	19	11.2	7.8
4. ATTENDANT									
PHYSICIAN IN HOSPITAL	344	98.0	98.2	304	97.7	98.1	40	100.0	99.3
PHYSICIAN NOT IN HOSPITAL	0	0.0	0.1	0	0.0	0.1	0	0.0	0.0
CERTIFIED NURSE MIDWIFE	0	0.0	1.1	0	0.0	1.2	0	0.0	0.7
OTHER ATTENDANT	7	2.0	0.6	7	2.3	0.7	0	0.0	0.0
5. PREMATURE BIRTHS	21	6.0	6.5	18	5.8	6.1	3	7.5	9.7
6. OUT OF WEDLOCK	64	18.2	15.2	44	14.1	12.2	20	50.0	46.9
7. OCCURRENCE									
TOTAL	1	0.0	0.0	1	0.0	0.0	0	0.0	0.0
TO RESIDENTS	1	100.0	97.8	1	100.0	97.6	0		100.0
FETAL & INFANT MORTALITY									
8. PERINATAL DEATHS	3	8.5	16.0	3	9.6	16.8	0	0.0	6.9
9. FETAL DEATHS	3	8.5	9.5	3	9.6	10.4	0	0.0	0.0
ATTENDANT									
PHYSICIAN IN HOSPITAL	3	100.0	100.0	3	100.0	100.0	0		
PHYSICIAN NOT IN HOSPITAL	0	0.0	0.0	0	0.0	0.0	0		
CERTIFIED NURSE MIDWIFE	0	0.0	0.0	0	0.0	0.0	0		
OTHER ATTENDANT	0	0.0	0.0	0	0.0	0.0	0		
OUT OF WEDLOCK	1	33.3	18.8	1	33.3	18.8	0		
10. NEONATAL (UNDER 28 DAYS)	0	0.0	6.6	0	0.0	6.5	0	0.0	6.9
11. POSTNEONATAL (28 DAYS - 1 YEAR)	0	0.0	2.4	0	0.0	2.6	0	0.0	0.0
12. INFANT DEATHS (UNDER 1 YEAR)	0	0.0	9.0	0	0.0	9.2	0	0.0	6.9
DEATHS (EXCLUDING FETALS)									
13. TOTAL	223	8.0	7.2	209	7.9	7.2	14	8.2	7.4
MALES	116	8.3	7.7	110	8.4	7.8	6	6.9	6.3
FEMALES	107	7.6	6.8	99	7.4	6.7	8	9.6	6.5
14. AGE									
00-04 YEARS	0	0.0	2.0	0	0.0	2.0	0	0.0	1.5
05-14 YEARS	3	0.7	0.2	3	0.8	0.3	0	0.0	0.0
15-24 YEARS	3	0.7	1.2	3	0.7	1.3	0	0.0	0.7
25-34 YEARS	12	2.5	1.6	11	2.4	1.5	1	3.7	2.1
35-44 YEARS	6	1.4	1.6	5	1.2	1.4	1	3.8	4.7
45-54 YEARS	11	3.3	4.1	10	3.2	4.0	1	5.9	7.4
55-64 YEARS	39	15.6	11.7	34	14.3	11.4	5	39.4	17.2
65 AND OVER	149	52.9	49.0	143	54.4	49.6	6	31.9	40.1
15. PLACE OF DEATH									
HOSPITAL	143	64.1	70.3	131	62.7	70.0	12	85.7	75.0
OTHER INSTITUTION	30	13.5	13.6	30	14.4	14.1	0	0.0	6.3
HOME OR NON-INSTITUTION	50	22.4	16.1	48	23.0	15.9	2	14.3	18.8
16. OCCURRENCE									
TOTAL	150	0.3	0.2	136	0.3	0.3	14	0.1	0.1
TO RESIDENTS	130	86.7	83.6	121	89.0	83.7	9	64.3	82.0
OTHER EVENTS									
17. MARRIAGES	196	7.0	7.1						
18. DIVORCES AND ANNULMENTS	88	3.1	3.4						

* SEE DEFINITIONS AND FORMULAS (SECTION VII)

SELECTED VITAL STATISTICS FOR 1989 AND 1985-1989

ALLEGHANY COUNTY

ITEM	TOTAL			WHITE			NONWHITE		
	NUMBER 1989	RATE* 1989	RATE* 85-89	NUMBER 1989	RATE* 1989	RATE* 85-89	NUMBER 1989	RATE* 1989	RATE* 85-89
POPULATION									
1. TOTAL	9992	0.2	0.2	9812	0.2	0.2	180	0.0	0.0
MALES	4824	48.3	48.2	4741	48.3	48.3	83	46.1	45.2
FEMALES	5168	51.7	51.8	5071	51.7	51.7	97	53.9	54.8
2. NATURAL INCREASE	-9	-0.9	-1.6	-3	-0.3	-1.5	-6	-33.3	-9.6
LIVE BIRTHS									
3. TOTAL	99	9.9	9.2	97	9.9	9.2	2	11.1	10.7
MALES	47	4.7	4.4	47	4.8	4.4	0	0.0	5.3
FEMALES	52	5.2	4.8	50	5.1	4.8	2	11.1	5.3
4. ATTENDANT									
PHYSICIAN IN HOSPITAL	94	94.9	98.9	92	94.8	98.9	2	100.0	100.0
PHYSICIAN NOT IN HOSPITAL	1	1.0	0.2	1	1.0	0.2	0	0.0	0.0
CERTIFIED NURSE MIDWIFE	2	2.0	0.4	2	2.1	0.5	0	0.0	0.0
OTHER ATTENDANT	2	2.0	0.4	2	2.1	0.5	0	0.0	0.0
5. PREMATURE BIRTHS	5	5.1	4.9	5	5.2	5.0	0	0.0	0.0
6. OUT OF WEDLOCK	17	17.2	12.7	17	17.5	11.8	0	0.0	50.0
7. OCCURRENCE									
TOTAL	2	0.0	0.0	2	0.0	0.1	0	0.0	0.0
TO RESIDENTS	2	100.0	69.1	2	100.0	70.4	0		33.3
FETAL & INFANT MORTALITY									
8. PERINATAL DEATHS	0	0.0	13.3	0	0.0	13.6	0	0.0	0.0
9. FETAL DEATHS	0	0.0	4.4	0	0.0	4.5	0	0.0	0.0
ATTENDANT									
PHYSICIAN IN HOSPITAL	0		100.0	0		100.0	0		
PHYSICIAN NOT IN HOSPITAL	0		0.0	0		0.0	0		
CERTIFIED NURSE MIDWIFE	0		0.0	0		0.0	0		
OTHER ATTENDANT	0		0.0	0		0.0	0		
OUT OF WEDLOCK	0		0.0	0		0.0	0		
10. NEONATAL (UNDER 28 DAYS)	0	0.0	8.9	0	0.0	9.1	0	0.0	0.0
11. POSTNEONATAL (28 DAYS - 1 YEAR)	0	0.0	4.5	0	0.0	4.6	0	0.0	0.0
12. INFANT DEATHS (UNDER 1 YEAR)	0	0.0	13.3	0	0.0	13.6	0	0.0	0.0
DEATHS (EXCLUDING FETALS)									
13. TOTAL	108	10.8	10.8	100	10.2	10.6	8	44.4	20.3
MALES	47	9.7	12.2	42	8.9	12.0	5	60.2	23.6
FEMALES	61	11.8	9.5	58	11.4	9.3	3	30.9	17.5
14. AGE									
00-04 YEARS	0	0.0	2.4	0	0.0	2.5	0	0.0	0.0
05-14 YEARS	1	0.8	0.2	1	0.8	0.2	0	0.0	0.0
15-24 YEARS	2	1.5	1.2	1	0.8	1.0	1	37.0	7.4
25-34 YEARS	1	0.7	0.8	1	0.7	0.8	0	0.0	0.0
35-44 YEARS	1	0.7	1.7	1	0.7	1.7	0	0.0	0.0
45-54 YEARS	4	3.5	3.5	3	2.7	3.3	1	66.7	12.0
55-64 YEARS	10	8.7	12.3	9	7.9	11.7	1	62.5	51.3
65 AND OVER	89	54.5	51.8	84	52.6	51.4	5	138.9	68.8
15. PLACE OF DEATH									
HOSPITAL	81	75.0	69.4	77	77.0	69.8	4	50.0	57.9
OTHER INSTITUTION	8	7.4	9.1	7	7.0	8.8	1	12.5	15.8
HOME OR NON-INSTITUTION	19	17.6	21.6	16	16.0	21.4	3	37.5	26.3
16. OCCURRENCE									
TOTAL	114	0.2	0.2	107	0.2	0.3	7	0.0	0.0
TO RESIDENTS	87	76.3	73.1	82	76.6	73.7	5	71.4	61.5
OTHER EVENTS									
17. MARRIAGES	167	16.7	16.2						
18. DIVORCES AND ANNULMENTS	46	4.6	4.4						

* SEE DEFINITIONS AND FORMULAS (SECTION VII)

SELECTED VITAL STATISTICS FOR 1989 AND 1985-1989

ANSON COUNTY

	TOTAL			WHITE			NONWHITE		
	NUMBER	RATE*		NUMBER	RATE*		NUMBER	RATE*	
ITEM	1989	1989	85-89	1989	1989	85-89	1989	1989	85-89
POPULATION									
1. TOTAL	26221	0.4	0.4	14158	0.3	0.3	12063	0.8	0.8
MALES	12078	46.1	46.3	6645	46.9	47.0	5433	45.0	45.5
FEMALES	14143	53.9	53.7	7513	53.1	53.0	6630	55.0	54.5
2. NATURAL INCREASE	109	4.2	3.4	-12	-0.8	-1.0	121	10.0	8.4
LIVE BIRTHS									
3. TOTAL	391	14.9	13.8	148	10.5	9.9	243	20.1	18.2
MALES	199	7.6	7.2	76	5.4	5.2	123	10.2	9.5
FEMALES	192	7.3	6.6	72	5.1	4.7	120	9.9	6.8
4. ATTENDANT									
PHYSICIAN IN HOSPITAL	386	98.7	99.3	146	98.6	99.4	240	98.8	99.3
PHYSICIAN NOT IN HOSPITAL	0	0.0	0.2	0	0.0	0.0	0	0.0	0.3
CERTIFIED NURSE MIDWIFE	3	0.8	0.2	2	1.4	0.3	1	0.4	0.1
OTHER ATTENDANT	2	0.5	0.3	0	0.0	0.3	2	0.8	0.4
5. PREMATURE BIRTHS	40	10.2	9.7	8	5.4	5.2	32	13.2	12.6
6. OUT OF WEDLOCK	181	46.3	41.6	22	14.9	11.0	159	65.4	60.8
7. OCCURRENCE									
TOTAL	272	0.3	0.3	71	0.1	0.1	201	0.6	0.6
TO RESIDENTS	262	96.3	96.5	63	88.7	91.0	199	99.0	98.6
FETAL & INFANT MORTALITY									
8. PERINATAL DEATHS	12	30.2	21.8	1	6.8	11.4	11	44.0	28.2
9. FETAL DEATHS	7	17.6	14.7	0	0.0	7.1	7	28.0	19.4
ATTENDANT									
PHYSICIAN IN HOSPITAL	7	100.0	100.0	0		100.0	7	100.0	100.0
PHYSICIAN NOT IN HOSPITAL	0	0.0	0.0	0		0.0	0	0.0	0.0
CERTIFIED NURSE MIDWIFE	0	0.0	0.0	0		0.0	0	0.0	0.0
OTHER ATTENDANT	0	0.0	0.0	0		0.0	0	0.0	0.0
OUT OF WEDLOCK	4	57.1	59.3	0		0.0	4	57.1	72.7
10. NEONATAL (UNDER 28 DAYS)	5	12.8	7.2	1	6.8	4.3	4	16.5	9.0
11. POSTNEONATAL (28 DAYS - 1 YEAR)	1	2.6	7.8	0	0.0	1.4	1	4.2	11.8
12. INFANT DEATHS (UNDER 1 YEAR)	6	15.3	14.9	1	6.8	5.7	5	20.6	20.6
DEATHS (EXCLUDING FETALS)									
13. TOTAL	282	10.8	10.4	160	11.3	11.0	122	10.1	9.8
MALES	162	13.4	12.2	87	13.1	12.2	75	13.8	12.3
FEMALES	120	8.5	8.9	73	9.7	9.9	47	7.1	7.7
14. AGE									
00-04 YEARS	6	3.1	3.7	1	1.2	1.2	5	4.6	5.6
05-14 YEARS	2	0.5	0.4	0	0.0	0.2	2	0.9	0.6
15-24 YEARS	10	2.5	1.8	4	2.2	1.7	6	2.8	1.8
25-34 YEARS	9	2.3	1.8	3	1.5	1.7	6	3.1	1.9
35-44 YEARS	14	3.8	3.6	2	1.0	2.1	12	7.4	5.7
45-54 YEARS	17	7.0	7.1	9	5.6	5.3	8	9.7	10.5
55-64 YEARS	34	14.3	14.6	20	13.1	11.1	14	16.3	20.7
65 AND OVER	190	49.2	49.0	121	49.0	48.5	69	49.5	50.0
15. PLACE OF DEATH									
HOSPITAL	211	74.8	77.2	106	66.2	72.7	105	86.1	83.1
OTHER INSTITUTION	26	9.2	9.5	19	11.9	10.7	7	5.7	8.0
HOME OR NON-INSTITUTION	45	16.0	13.2	35	21.9	16.6	10	8.2	8.9
16. OCCURRENCE									
TOTAL	189	0.3	0.3	98	0.2	0.2	91	0.6	0.6
TO RESIDENTS	179	94.7	94.3	92	93.9	93.0	87	95.6	95.8
OTHER EVENTS									
17. MARRIAGES	106	4.0	4.3						
18. DIVORCES AND ANNULMENTS	84	3.2	3.2						

* SEE DEFINITIONS AND FORMULAS (SECTION VII)

SELECTED VITAL STATISTICS FOR 1989 AND 1985-1989

ASHE COUNTY

ITEM	TOTAL			WHITE			NONWHITE		
	NUMBER 1989	RATE* 1989	RATE* 85-89	NUMBER 1989	RATE* 1989	RATE* 85-89	NUMBER 1989	RATE* 1989	RATE* 85-89
POPULATION									
1. TOTAL	23486	0.4	0.4	23269	0.5	0.5	217	0.0	0.0
MALES	11364	48.4	48.4	11266	48.4	48.4	98	45.2	45.9
FEMALES	12122	51.6	51.6	12003	51.6	51.6	119	54.8	54.1
2. NATURAL INCREASE	16	0.7	-0.3	18	0.8	-0.2	-2	-9.2	-3.6
LIVE BIRTHS									
3. TOTAL	256	10.9	9.7	254	10.9	9.7	2	9.2	9.8
MALES	133	5.7	4.9	133	5.7	4.9	0	0.0	4.5
FEMALES	123	5.2	4.8	121	5.2	4.8	2	9.2	5.4
4. ATTENDANT									
PHYSICIAN IN HOSPITAL	256	100.0	98.9	254	100.0	98.9	2	100.0	100.0
PHYSICIAN NOT IN HOSPITAL	0	0.0	0.1	0	0.0	0.1	0	0.0	0.0
CERTIFIED NURSE MIDWIFE	0	0.0	0.5	0	0.0	0.5	0	0.0	0.0
OTHER ATTENDANT	0	0.0	0.4	0	0.0	0.4	0	0.0	0.0
5. PREMATURE BIRTHS	20	7.8	7.0	19	7.5	6.7	1	50.0	36.4
6. OUT OF WEDLOCK	36	14.1	13.5	35	13.8	13.2	1	50.0	36.4
7. OCCURRENCE									
TOTAL	46	0.0	0.1	46	0.1	0.1	0	0.0	0.0
TO RESIDENTS	40	87.0	88.0	40	87.0	88.0	0		100.0
FETAL & INFANT MORTALITY									
8. PERINATAL DEATHS	3	11.6	15.7	3	11.7	13.2	0	0.0	272.7
9. FETAL DEATHS	2	7.8	8.7	2	7.8	8.8	0	0.0	0.0
ATTENDANT									
PHYSICIAN IN HOSPITAL	2	100.0	90.0	2	100.0	90.0	0		
PHYSICIAN NOT IN HOSPITAL	0	0.0	10.0	0	0.0	10.0	0		
CERTIFIED NURSE MIDWIFE	0	0.0	0.0	0	0.0	0.0	0		
OTHER ATTENDANT	0	0.0	0.0	0	0.0	0.0	0		
OUT OF WEDLOCK	1	50.0	20.0	1	50.0	20.0	0		
10. NEONATAL (UNDER 28 DAYS)	1	3.9	7.0	1	3.9	4.4	0	0.0	272.7
11. POSTNEONATAL (28 DAYS - 1 YEAR)	0	0.0	3.5	0	0.0	3.6	0	0.0	0.0
12. INFANT DEATHS (UNDER 1 YEAR)	1	3.9	10.6	1	3.9	8.0	0	0.0	272.7
DEATHS (EXCLUDING FETALS)									
13. TOTAL	240	10.2	10.0	236	10.1	9.9	4	18.4	13.4
MALES	132	11.6	11.5	131	11.6	11.5	1	10.2	13.6
FEMALES	108	8.9	8.5	105	8.7	8.5	3	25.2	13.2
14. AGE									
00-04 YEARS	1	0.7	1.9	1	0.7	1.5	0	0.0	54.5
05-14 YEARS	1	0.3	0.1	1	0.3	0.1	0	0.0	0.0
15-24 YEARS	2	0.6	0.7	2	0.6	0.6	0	0.0	6.1
25-34 YEARS	4	1.1	0.9	4	1.1	0.9	0	0.0	0.0
35-44 YEARS	4	1.2	2.0	4	1.2	2.0	0	0.0	6.5
45-54 YEARS	14	5.0	3.9	13	4.7	3.9	1	43.5	8.7
55-64 YEARS	30	12.5	10.0	29	12.2	10.1	1	31.3	6.2
65 AND OVER	184	48.8	50.1	182	48.7	50.0	2	66.7	51.3
15. PLACE OF DEATH									
HOSPITAL	143	59.6	67.4	140	59.3	67.1	3	75.0	93.3
OTHER INSTITUTION	37	15.4	10.5	36	15.3	10.5	1	25.0	6.7
HOME OR NON-INSTITUTION	60	25.0	22.1	60	25.4	22.4	0	0.0	0.0
16. OCCURRENCE									
TOTAL	210	0.4	0.3	204	0.5	0.4	6	0.0	0.0
TO RESIDENTS	174	82.9	91.1	172	84.3	91.5	2	33.3	55.6
OTHER EVENTS									
17. MARRIAGES	206	8.8	8.9						
18. DIVORCES AND ANNULMENTS	102	4.3	4.1						

* SEE DEFINITIONS AND FORMULAS (SECTION VII)

SELECTED VITAL STATISTICS FOR 1989 AND 1985-1989

AVERY COUNTY

	TOTAL			WHITE			NONWHITE		
	NUMBER	RATE*		NUMBER	RATE*		NUMBER	RATE*	
ITEM	1989	1989	85-89	1989	1989	85-89	1989	1989	85-89
POPULATION									
1. TOTAL	15505	0.2	0.2	15297	0.3	0.3	208	0.0	0.0
MALES	7660	49.4	49.5	7527	49.2	49.3	133	63.9	64.8
FEMALES	7845	50.6	50.5	7770	50.8	50.7	75	36.1	35.2
2. NATURAL INCREASE	25	1.6	3.5	28	1.8	3.6	-3	-14.4	-10.7
LIVE BIRTHS									
3. TOTAL	187	12.1	12.7	186	12.2	12.8	1	4.8	3.9
MALES	94	6.1	6.4	93	6.1	6.4	1	4.8	3.9
FEMALES	93	6.0	6.3	93	6.1	6.3	0	0.0	0.0
4. ATTENDANT									
PHYSICIAN IN HOSPITAL	185	98.9	98.8	184	98.9	98.7	1	100.0	100.0
PHYSICIAN NOT IN HOSPITAL	0	0.0	0.3	0	0.0	0.3	0	0.0	0.0
CERTIFIED NURSE MIDWIFE	0	0.0	0.4	0	0.0	0.4	0	0.0	0.0
OTHER ATTENDANT	2	1.1	0.5	2	1.1	0.5	0	0.0	0.0
5. PREMATURE BIRTHS	12	6.4	5.4	12	6.5	5.4	0	0.0	0.0
6. OUT OF WEDLOCK	24	12.8	13.2	23	12.4	13.2	1	100.0	25.0
7. OCCURRENCE									
TOTAL	104	0.1	0.2	103	0.1	0.2	1	0.0	0.0
TO RESIDENTS	61	58.7	64.7	61	59.2	64.7	0	0.0	50.0
FETAL & INFANT MORTALITY									
8. PERINATAL DEATHS	2	10.7	12.4	2	10.8	12.4	0	0.0	0.0
9. FETAL DEATHS	0	0.0	10.3	0	0.0	10.3	0	0.0	0.0
ATTENDANT									
PHYSICIAN IN HOSPITAL	0		70.0	0		70.0	0		
PHYSICIAN NOT IN HOSPITAL	0		0.0	0		0.0	0		
CERTIFIED NURSE MIDWIFE	0		0.0	0		0.0	0		
OTHER ATTENDANT	0		30.0	0		30.0	0		
OUT OF WEDLOCK	0		20.0	0		20.0	0		
10. NEONATAL (UNDER 28 DAYS)	2	10.7	2.1	2	10.8	2.1	0	0.0	0.0
11. POSTNEONATAL (28 DAYS - 1 YEAR)	1	5.4	4.2	1	5.4	4.2	0	0.0	0.0
12. INFANT DEATHS (UNDER 1 YEAR)	3	16.0	6.2	3	16.1	6.3	0	0.0	0.0
DEATHS (EXCLUDING FETALS)									
13. TOTAL	162	10.4	9.2	158	10.3	9.1	4	19.2	14.6
MALES	83	10.8	9.6	81	10.8	9.6	2	15.0	13.5
FEMALES	79	10.1	8.8	77	9.9	8.7	2	26.7	16.5
14. AGE									
00-04 YEARS	3	3.1	1.7	3	3.1	1.7	0	0.0	0.0
05-14 YEARS	2	1.0	0.2	2	1.0	0.2	0	0.0	0.0
15-24 YEARS	2	0.7	0.5	1	0.4	0.4	1	15.6	3.1
25-34 YEARS	1	0.4	1.2	1	0.4	1.1	0	0.0	5.6
35-44 YEARS	7	3.1	1.6	7	3.1	1.6	0	0.0	0.0
45-54 YEARS	9	5.3	4.9	8	4.7	4.9	1	58.8	14.3
55-64 YEARS	13	9.2	11.3	12	8.6	10.7	1	71.4	72.5
65 AND OVER	125	64.4	57.1	124	64.2	56.7	1	111.1	118.6
15. PLACE OF DEATH									
HOSPITAL	115	71.0	69.2	113	71.5	69.4	2	50.0	60.0
OTHER INSTITUTION	29	17.9	18.2	27	17.1	17.8	2	50.0	33.3
HOME OR NON-INSTITUTION	18	11.1	12.6	18	11.4	12.7	0	0.0	6.7
16. OCCURRENCE									
TOTAL	150	0.3	0.3	146	0.3	0.4	4	0.0	0.0
TO RESIDENTS	116	77.3	67.9	115	78.8	68.5	1	25.0	45.0
OTHER EVENTS									
17. MARRIAGES	183	11.8	11.1						
18. DIVORCES AND ANNULMENTS	44	2.8	3.4						

* SEE DEFINITIONS AND FORMULAS (SECTION VII)

SELECTED VITAL STATISTICS FOR 1989 AND 1985-1989

BEAUFORT COUNTY

ITEM	TOTAL			WHITE			NONWHITE		
	NUMBER 1989	RATE* 1989	RATE* 85-89	NUMBER 1989	RATE* 1989	RATE* 85-89	NUMBER 1989	RATE* 1989	RATE* 85-89
POPULATION									
1. TOTAL	42238	0.6	0.7	29547	0.6	0.6	12691	0.8	0.8
MALES	19912	47.1	47.3	14171	48.0	47.9	5741	45.2	45.7
FEMALES	22326	52.9	52.7	15376	52.0	52.1	6950	54.8	54.3
2. NATURAL INCREASE	117	2.8	2.0	0	0.0	0.0	117	9.2	6.7
LIVE BIRTHS									
3. TOTAL	597	14.1	13.3	335	11.3	11.2	262	20.6	18.1
MALES	299	7.1	6.8	174	5.9	5.7	125	9.8	9.3
FEMALES	298	7.1	6.5	161	5.4	5.5	137	10.8	8.7
4. ATTENDANT									
PHYSICIAN IN HOSPITAL	594	99.5	99.2	332	99.1	98.9	262	100.0	99.7
PHYSICIAN NOT IN HOSPITAL	1	0.2	0.2	1	0.3	0.2	0	0.0	0.2
CERTIFIED NURSE MIDWIFE	2	0.3	0.4	2	0.6	0.5	0	0.0	0.1
OTHER ATTENDANT	0	0.0	0.2	0	0.0	0.3	0	0.0	0.1
5. PREMATURE BIRTHS	50	8.4	8.5	16	4.8	5.1	34	13.0	13.1
6. OUT OF WEDLOCK	203	34.0	30.0	41	12.2	8.5	162	61.8	60.0
7. OCCURRENCE									
TOTAL	503	0.5	0.5	300	0.4	0.5	203	0.6	0.7
TO RESIDENTS	380	75.5	76.6	214	71.3	71.6	166	81.8	84.2
FETAL & INFANT MORTALITY									
8. PERINATAL DEATHS	9	14.9	23.5	5	14.8	18.5	4	15.0	30.4
9. FETAL DEATHS	7	11.6	16.2	3	8.9	10.7	4	15.0	23.8
ATTENDANT									
PHYSICIAN IN HOSPITAL	7	100.0	97.9	3	100.0	100.0	4	100.0	96.6
PHYSICIAN NOT IN HOSPITAL	0	0.0	2.1	0	0.0	0.0	0	0.0	3.4
CERTIFIED NURSE MIDWIFE	0	0.0	0.0	0	0.0	0.0	0	0.0	0.0
OTHER ATTENDANT	0	0.0	0.0	0	0.0	0.0	0	0.0	0.0
OUT OF WEDLOCK	2	28.6	48.9	0	0.0	22.2	2	50.0	65.5
10. NEONATAL (UNDER 28 DAYS)	2	3.4	7.4	2	6.0	7.8	0	0.0	6.7
11. POSTNEONATAL (28 DAYS - 1 YEAR)	0	0.0	3.5	0	0.0	2.4	0	0.0	5.1
12. INFANT DEATHS (UNDER 1 YEAR)	2	3.4	10.9	2	6.0	10.2	0	0.0	11.8
DEATHS (EXCLUDING FETALS)									
13. TOTAL	480	11.4	11.3	335	11.3	11.2	145	11.4	11.3
MALES	272	13.7	12.6	189	13.3	12.3	83	14.5	13.3
FEMALES	208	9.3	10.1	146	9.5	10.3	62	8.9	9.7
14. AGE									
00-04 YEARS	4	1.3	2.7	4	2.1	2.6	0	0.0	2.8
05-14 YEARS	4	0.6	0.5	1	0.3	0.3	3	1.2	0.7
15-24 YEARS	5	0.9	1.3	3	0.8	1.4	2	1.0	1.1
25-34 YEARS	8	1.2	1.5	6	1.3	1.3	2	1.0	2.0
35-44 YEARS	16	2.6	2.4	8	1.8	2.0	8	4.7	3.5
45-54 YEARS	24	5.4	6.2	12	3.5	4.9	12	12.1	10.2
55-64 YEARS	68	16.5	16.5	47	15.3	14.2	21	20.0	23.2
65 AND OVER	351	58.5	57.6	254	56.8	56.2	97	63.3	61.5
15. PLACE OF DEATH									
HOSPITAL	314	65.4	62.4	211	63.0	60.8	103	71.0	66.0
OTHER INSTITUTION	60	12.5	15.5	43	12.8	16.1	17	11.7	14.1
HOME OR NON-INSTITUTION	106	22.1	22.1	81	24.2	23.1	25	17.2	19.9
16. OCCURRENCE									
TOTAL	484	0.8	0.8	330	0.8	0.8	154	1.1	1.1
TO RESIDENTS	407	84.1	81.6	284	86.1	82.4	123	79.9	79.8
OTHER EVENTS									
17. MARRIAGES	419	9.9	9.7						
18. DIVORCES AND ANNULMENTS	189	4.5	4.4						

* SEE DEFINITIONS AND FORMULAS (SECTION VII)

SELECTED VITAL STATISTICS FOR 1989 AND 1985-1989

BERTIE COUNTY

ITEM	TOTAL			WHITE			NONWHITE		
	NUMBER 1989	RATE* 1989	RATE* 85-89	NUMBER 1989	RATE* 1989	RATE* 85-89	NUMBER 1989	RATE* 1989	RATE* 85-89
POPULATION									
1. TOTAL	21009	0.3	0.3	8251	0.2	0.2	12758	0.8	0.8
MALES	9773	46.5	46.7	3975	48.2	48.1	5798	45.4	45.9
FEMALES	11236	53.5	53.3	4276	51.8	51.9	6960	54.6	54.1
2. NATURAL INCREASE	71	3.4	3.1	-12	-1.5	-4.0	83	6.5	7.8
LIVE BIRTHS									
3. TOTAL	309	14.7	14.7	93	11.3	9.6	216	16.9	18.0
MALES	149	7.1	7.4	40	4.8	4.7	109	8.5	9.1
FEMALES	160	7.6	7.3	53	6.4	4.9	107	8.4	8.9
4. ATTENDANT									
PHYSICIAN IN HOSPITAL	306	99.0	99.4	92	98.9	99.2	214	99.1	99.5
PHYSICIAN NOT IN HOSPITAL	0	0.0	0.3	0	0.0	0.5	0	0.0	0.3
CERTIFIED NURSE MIDWIFE	1	0.3	0.1	1	1.1	0.2	0	0.0	0.0
OTHER ATTENDANT	2	0.6	0.2	0	0.0	0.0	2	0.9	0.3
5. PREMATURE BIRTHS	32	10.4	10.3	8	8.6	5.7	24	11.1	11.9
6. OUT OF WEDLOCK	136	44.0	42.8	4	4.3	5.2	132	61.1	55.8
7. OCCURRENCE									
TOTAL	2	0.0	0.0	0	0.0	0.0	2	0.0	0.0
TO RESIDENTS	2	100.0	100.0	0		100.0	2	100.0	100.0
FETAL & INFANT MORTALITY									
8. PERINATAL DEATHS	6	19.1	24.7	3	31.6	19.6	3	13.7	26.4
9. FETAL DEATHS	5	15.9	16.4	2	21.1	12.3	3	13.7	17.9
ATTENDANT									
PHYSICIAN IN HOSPITAL	5	100.0	100.0	2	100.0	100.0	3	100.0	100.0
PHYSICIAN NOT IN HOSPITAL	0	0.0	0.0	0	0.0	0.0	0	0.0	0.0
CERTIFIED NURSE MIDWIFE	0	0.0	0.0	0	0.0	0.0	0	0.0	0.0
OTHER ATTENDANT	0	0.0	0.0	0	0.0	0.0	0	0.0	0.0
OUT OF WEDLOCK	4	80.0	46.2	1	50.0	20.0	3	100.0	52.4
10. NEONATAL (UNDER 28 DAYS)	1	3.2	8.4	1	10.8	7.5	0	0.0	8.7
11. POSTNEONATAL (28 DAYS - 1 YEAR)	1	3.2	4.5	0	0.0	0.0	1	4.6	6.1
12. INFANT DEATHS (UNDER 1 YEAR)	2	6.5	12.9	1	10.8	7.5	1	4.6	14.7
DEATHS (EXCLUDING FETALS)									
13. TOTAL	238	11.3	11.6	105	12.7	13.6	133	10.4	10.2
MALES	118	12.1	13.7	53	13.3	15.6	65	11.2	12.4
FEMALES	120	10.7	9.7	52	12.2	11.8	68	9.8	8.4
14. AGE									
00-04 YEARS	4	2.7	3.5	1	2.2	1.3	3	3.0	4.4
05-14 YEARS	0	0.0	0.2	0	0.0	0.2	0	0.0	0.2
15-24 YEARS	3	1.0	1.0	1	1.0	1.4	2	1.0	0.8
25-34 YEARS	6	1.9	1.8	3	2.6	0.8	3	1.5	2.4
35-44 YEARS	10	3.6	3.4	5	4.0	2.6	5	3.3	4.1
45-54 YEARS	14	6.9	8.3	2	2.1	5.1	12	11.2	11.0
55-64 YEARS	30	14.2	15.8	9	9.3	14.3	21	18.4	17.1
65 AND OVER	171	54.8	55.8	84	54.3	57.7	87	55.3	53.9
15. PLACE OF DEATH									
HOSPITAL	151	63.4	65.0	63	60.0	62.2	88	66.2	67.4
OTHER INSTITUTION	36	15.1	11.8	20	19.0	12.2	16	12.0	11.4
HOME OR NON-INSTITUTION	51	21.4	23.2	22	21.0	25.6	29	21.8	21.2
16. OCCURRENCE									
TOTAL	102	0.2	0.2	45	0.1	0.1	57	0.4	0.5
TO RESIDENTS	94	92.2	91.6	42	93.3	89.8	52	91.2	93.2
OTHER EVENTS									
17. MARRIAGES	124	5.9	7.1						
18. DIVORCES AND ANNULMENTS	54	2.6	2.9						

* SEE DEFINITIONS AND FORMULAS (SECTION VII)

SELECTED VITAL STATISTICS FOR 1989 AND 1985-1989

BLADEN COUNTY

ITEM	TOTAL NUMBER 1989	TOTAL RATE* 1989	TOTAL RATE* 85-89	WHITE NUMBER 1989	WHITE RATE* 1989	WHITE RATE* 85-89	NONWHITE NUMBER 1989	NONWHITE RATE* 1989	NONWHITE RATE* 85-89
POPULATION									
1. TOTAL	31011	0.5	0.5	18790	0.4	0.4	12221	0.8	0.8
MALES	14815	47.8	48.0	9239	49.2	49.1	5576	45.6	46.3
FEMALES	16196	52.2	52.0	9551	50.8	50.9	6645	54.4	53.7
2. NATURAL INCREASE	116	3.7	2.3	-1	-0.1	0.4	117	9.6	5.2
LIVE BIRTHS									
3. TOTAL	454	14.6	12.5	216	11.5	10.4	238	19.5	15.8
MALES	227	7.3	6.3	116	6.2	5.3	111	9.1	7.8
FEMALES	227	7.3	6.3	100	5.3	5.1	127	10.4	8.1
4. ATTENDANT									
PHYSICIAN IN HOSPITAL	438	96.5	98.1	206	95.4	97.7	232	97.5	98.6
PHYSICIAN NOT IN HOSPITAL	1	0.2	0.1	0	0.0	0.0	1	0.4	0.2
CERTIFIED NURSE MIDWIFE	14	3.1	1.7	10	4.6	2.3	4	1.7	1.0
OTHER ATTENDANT	1	0.2	0.1	0	0.0	0.0	1	0.4	0.2
5. PREMATURE BIRTHS	41	9.0	9.3	17	7.9	8.3	24	10.1	10.4
6. OUT OF WEDLOCK	180	39.6	33.6	36	16.7	12.4	144	60.5	54.6
7. OCCURRENCE									
TOTAL	117	0.1	0.2	48	0.1	0.1	69	0.2	0.4
TO RESIDENTS	115	98.3	93.9	47	97.9	89.8	68	98.6	97.2
FETAL & INFANT MORTALITY									
8. PERINATAL DEATHS	5	11.0	23.0	2	9.2	17.5	3	12.6	28.3
9. FETAL DEATHS	2	4.4	12.2	1	4.6	7.2	1	4.2	17.2
ATTENDANT									
PHYSICIAN IN HOSPITAL	2	100.0	100.0	1	100.0	100.0	1	100.0	100.0
PHYSICIAN NOT IN HOSPITAL	0	0.0	0.0	0	0.0	0.0	0	0.0	0.0
CERTIFIED NURSE MIDWIFE	0	0.0	0.0	0	0.0	0.0	0	0.0	0.0
OTHER ATTENDANT	0	0.0	0.0	0	0.0	0.0	0	0.0	0.0
OUT OF WEDLOCK	2	100.0	75.0	1	100.0	42.9	1	100.0	88.2
10. NEONATAL (UNDER 28 DAYS)	3	6.6	10.8	1	4.6	10.4	2	8.4	11.3
11. POSTNEONATAL (28 DAYS - 1 YEAR)	0	0.0	3.1	0	0.0	3.1	0	0.0	3.1
12. INFANT DEATHS (UNDER 1 YEAR)	3	6.6	13.9	1	4.6	13.5	2	8.4	14.4
DEATHS (EXCLUDING FETALS)									
13. TOTAL	338	10.9	10.3	217	11.5	10.0	121	9.9	10.6
MALES	186	12.6	12.0	116	12.6	11.2	70	12.6	13.3
FEMALES	152	9.4	8.6	101	10.6	8.8	51	7.7	8.3
14. AGE									
00-04 YEARS	4	2.0	3.7	1	0.9	2.6	3	3.4	5.0
05-14 YEARS	1	0.2	0.3	1	0.4	0.2	0	0.0	0.4
15-24 YEARS	3	0.6	1.3	2	0.6	0.9	1	0.5	1.9
25-34 YEARS	13	2.7	1.9	4	1.4	1.1	9	4.5	3.0
35-44 YEARS	18	3.9	3.0	10	3.3	2.5	8	4.8	4.0
45-54 YEARS	24	7.5	7.1	13	6.0	6.1	11	10.7	9.3
55-64 YEARS	48	16.4	15.1	27	13.8	13.0	21	21.6	19.1
65 AND OVER	227	56.5	54.5	159	61.7	53.1	68	47.1	56.9
15. PLACE OF DEATH									
HOSPITAL	206	60.9	63.6	140	64.5	65.3	66	54.5	61.0
OTHER INSTITUTION	49	14.5	15.4	28	12.9	14.2	21	17.4	17.0
HOME OR NON-INSTITUTION	83	24.6	21.1	49	22.6	20.5	34	28.1	22.0
16. OCCURRENCE									
TOTAL	241	0.4	0.4	148	0.3	0.3	93	0.7	0.7
TO RESIDENTS	207	85.9	86.2	133	89.9	86.4	74	79.6	85.8
OTHER EVENTS									
17. MARRIAGES	128	4.1	4.4						
18. DIVORCES AND ANNULMENTS	86	2.8	3.0						

* SEE DEFINITIONS AND FORMULAS (SECTION VII)

SELECTED VITAL STATISTICS FOR 1989 AND 1985-1989

BRUNSWICK COUNTY

ITEM	TOTAL			WHITE			NONWHITE		
	NUMBER	RATE*		NUMBER	RATE*		NUMBER	RATE*	
	1989	1989	85-89	1989	1989	85-89	1989	1989	85-89
POPULATION									
1. TOTAL	51535	0.8	0.8	41570	0.8	0.8	9965	0.6	0.6
MALES	25078	48.7	48.8	20479	49.3	49.3	4599	46.2	46.6
FEMALES	26457	51.3	51.2	21091	50.7	50.7	5366	53.8	53.4
2. NATURAL INCREASE	271	5.3	5.5	172	4.1	4.5	99	9.9	9.3
LIVE BIRTHS									
3. TOTAL	707	13.7	13.8	507	12.2	12.9	200	20.1	17.2
MALES	367	7.1	7.0	267	6.4	6.6	100	10.0	8.5
FEMALES	340	6.6	6.8	240	5.8	6.3	100	10.0	8.7
4. ATTENDANT									
PHYSICIAN IN HOSPITAL	705	99.7	99.6	507	100.0	99.6	198	99.0	99.5
PHYSICIAN NOT IN HOSPITAL	0	0.0	0.1	0	0.0	0.1	0	0.0	0.1
CERTIFIED NURSE MIDWIFE	0	0.0	0.1	0	0.0	0.1	0	0.0	0.0
OTHER ATTENDANT	2	0.3	0.3	0	0.0	0.3	2	1.0	0.4
5. PREMATURE BIRTHS	63	8.9	7.5	36	7.1	5.9	27	13.5	12.3
6. OUT OF WEDLOCK	223	31.5	24.6	104	20.5	15.0	119	59.5	53.1
7. OCCURRENCE									
TOTAL	213	0.2	0.2	152	0.2	0.2	61	0.2	0.1
TO RESIDENTS	208	97.7	95.9	147	96.7	94.7	61	100.0	99.1
FETAL & INFANT MORTALITY									
8. PERINATAL DEATHS	8	11.2	11.1	6	11.7	10.2	2	10.0	13.9
9. FETAL DEATHS	5	7.0	7.6	4	7.8	7.8	1	5.0	7.0
ATTENDANT									
PHYSICIAN IN HOSPITAL	5	100.0	100.0	4	100.0	100.0	1	100.0	100.0
PHYSICIAN NOT IN HOSPITAL	0	0.0	0.0	0	0.0	0.0	0	0.0	0.0
CERTIFIED NURSE MIDWIFE	0	0.0	0.0	0	0.0	0.0	0	0.0	0.0
OTHER ATTENDANT	0	0.0	0.0	0	0.0	0.0	0	0.0	0.0
OUT OF WEDLOCK	1	20.0	30.8	0	0.0	25.0	1	100.0	50.0
10. NEONATAL (UNDER 28 DAYS)	3	4.2	3.5	2	3.9	2.4	1	5.0	7.0
11. POSTNEONATAL (28 DAYS - 1 YEAR)	4	5.7	3.6	4	7.9	4.0	0	0.0	2.4
12. INFANT DEATHS (UNDER 1 YEAR)	7	9.9	7.1	6	11.8	6.3	1	5.0	9.3
DEATHS (EXCLUDING FETALS)									
13. TOTAL	436	8.5	8.3	335	8.1	8.4	101	10.1	7.8
MALES	240	9.6	9.7	183	8.9	9.9	57	12.4	8.9
FEMALES	196	7.4	7.0	152	7.2	7.0	44	8.2	6.9
14. AGE									
00-04 YEARS	7	1.8	1.4	6	1.9	1.3	1	1.1	1.8
05-14 YEARS	2	0.3	0.4	1	0.2	0.3	1	0.6	1.0
15-24 YEARS	7	0.9	1.1	5	0.8	1.2	2	1.2	0.8
25-34 YEARS	10	1.3	1.7	7	1.1	1.6	3	1.9	2.1
35-44 YEARS	24	3.3	2.6	17	2.9	2.3	7	5.0	3.6
45-54 YEARS	25	4.5	5.5	18	3.9	5.6	7	7.8	5.0
55-64 YEARS	95	18.3	14.9	73	16.5	14.6	22	28.4	16.7
65 AND OVER	266	40.3	43.0	208	37.5	42.1	58	55.4	47.4
15. PLACE OF DEATH									
HOSPITAL	273	62.6	64.9	207	61.8	63.8	66	65.3	69.3
OTHER INSTITUTION	61	14.0	12.5	45	13.4	13.0	16	15.8	10.7
HOME OR NON-INSTITUTION	102	23.4	22.6	83	24.8	23.2	19	18.8	19.9
16. OCCURRENCE									
TOTAL	279	0.5	0.5	223	0.5	0.5	56	0.4	0.4
TO RESIDENTS	248	88.9	88.6	197	88.3	88.3	51	91.1	89.8
OTHER EVENTS									
17. MARRIAGES	318	6.2	6.4						
18. DIVORCES AND ANNULMENTS	165	3.2	3.7						

* SEE DEFINITIONS AND FORMULAS (SECTION VII)

SELECTED VITAL STATISTICS FOR 1989 AND 1985-1989

BUNCOMBE COUNTY

ITEM	TOTAL			WHITE			NONWHITE		
	NUMBER 1989	RATE* 1989	RATE* 85-89	NUMBER 1989	RATE* 1989	RATE* 85-89	NUMBER 1989	RATE* 1989	RATE* 85-89
POPULATION									
1. TOTAL	175580	2.7	2.7	159603	3.2	3.2	15977	1.0	1.0
MALES	82780	47.1	47.2	75488	47.3	47.3	7292	45.6	46.0
FEMALES	92800	52.9	52.8	84115	52.7	52.7	8685	54.4	54.0
2. NATURAL INCREASE	584	3.3	2.7	447	2.6	2.3	137	8.6	6.6
LIVE BIRTHS									
3. TOTAL	2378	13.5	13.0	2060	12.9	12.5	318	19.9	18.1
MALES	1253	7.1	6.7	1097	6.9	6.5	156	9.8	9.2
FEMALES	1125	6.4	6.3	963	6.0	6.0	162	10.1	8.9
4. ATTENDANT									
PHYSICIAN IN HOSPITAL	2342	98.5	96.3	2027	98.4	96.1	315	99.1	98.2
PHYSICIAN NOT IN HOSPITAL	8	0.3	0.4	7	0.3	0.4	1	0.3	0.3
CERTIFIED NURSE MIDWIFE	18	0.8	2.7	18	0.9	3.0	0	0.0	1.2
OTHER ATTENDANT	10	0.4	0.5	8	0.4	0.5	2	0.6	0.3
5. PREMATURE BIRTHS	158	6.6	6.9	119	5.8	6.2	39	12.3	11.4
6. OUT OF WEDLOCK	523	22.0	20.7	319	15.5	14.3	204	64.2	63.8
7. OCCURRENCE									
TOTAL	3142	3.1	3.1	2800	4.1	4.1	342	1.0	1.1
TO RESIDENTS	2265	72.1	71.8	1959	70.0	70.0	306	89.5	87.5
FETAL & INFANT MORTALITY									
8. PERINATAL DEATHS	33	13.7	16.1	24	11.6	14.1	9	27.7	29.4
9. FETAL DEATHS	24	10.0	9.7	17	8.2	8.7	7	21.5	16.4
ATTENDANT									
PHYSICIAN IN HOSPITAL	21	87.5	93.6	16	94.1	95.3	5	71.4	87.5
PHYSICIAN NOT IN HOSPITAL	1	4.2	2.7	0	0.0	1.2	1	14.3	8.3
CERTIFIED NURSE MIDWIFE	1	4.2	1.8	1	5.9	2.3	0	0.0	0.0
OTHER ATTENDANT	1	4.2	1.8	0	0.0	1.2	1	14.3	4.2
OUT OF WEDLOCK	4	16.7	35.5	0	0.0	27.9	4	57.1	62.5
10. NEONATAL (UNDER 28 DAYS)	9	3.8	6.4	7	3.4	5.4	2	6.3	13.2
11. POSTNEONATAL (28 DAYS - 1 YEAR)	8	3.4	2.6	7	3.4	2.7	1	3.2	2.1
12. INFANT DEATHS (UNDER 1 YEAR)	17	7.1	9.0	14	6.8	8.1	3	9.4	15.3
DEATHS (EXCLUDING FETALS)									
13. TOTAL	1794	10.2	10.3	1613	10.1	10.2	181	11.3	11.4
MALES	911	11.0	11.0	830	11.0	10.8	81	11.1	12.5
FEMALES	883	9.5	9.7	783	9.3	9.6	100	11.5	10.5
14. AGE									
00-04 YEARS	20	1.9	2.3	16	1.7	2.0	4	3.3	4.4
05-14 YEARS	10	0.5	0.3	8	0.4	0.3	2	0.8	0.4
15-24 YEARS	21	0.9	0.9	16	0.7	0.9	5	1.9	0.8
25-34 YEARS	35	1.2	1.2	28	1.1	1.1	7	2.8	2.1
35-44 YEARS	65	2.5	2.1	57	2.4	1.9	8	3.5	4.2
45-54 YEARS	85	4.4	4.9	77	4.3	4.6	8	6.1	6.8
55-64 YEARS	225	12.8	12.8	194	11.9	12.2	31	24.4	21.1
65 AND OVER	1333	48.7	50.5	1217	48.2	49.9	116	54.6	57.0
15. PLACE OF DEATH									
HOSPITAL	881	49.1	50.1	786	48.7	49.3	95	52.5	56.8
OTHER INSTITUTION	464	25.9	26.2	419	26.0	26.8	45	24.9	21.0
HOME OR NON-INSTITUTION	449	25.0	23.7	408	25.3	23.9	41	22.7	22.2
16. OCCURRENCE									
TOTAL	2437	4.2	4.4	2209	5.1	5.3	228	1.6	1.7
TO RESIDENTS	1660	68.1	66.7	1490	67.5	65.7	170	74.6	76.1
OTHER EVENTS									
17. MARRIAGES	1548	8.8	9.0						
18. DIVORCES AND ANNULMENTS	1020	5.8	5.6						

* SEE DEFINITIONS AND FORMULAS (SECTION VII)

SELECTED VITAL STATISTICS FOR 1989 AND 1985-1989

BURKE COUNTY

ITEM	TOTAL NUMBER 1989	TOTAL RATE* 1989	TOTAL RATE* 85-89	WHITE NUMBER 1989	WHITE RATE* 1989	WHITE RATE* 85-89	NONWHITE NUMBER 1989	NONWHITE RATE* 1989	NONWHITE RATE* 85-89
POPULATION									
1. TOTAL	77759	1.2	1.2	72026	1.4	1.5	5733	0.4	0.4
MALES	37729	48.5	48.6	34958	48.5	48.6	2771	48.3	48.7
FEMALES	40030	51.5	51.4	37068	51.5	51.4	2962	51.7	51.3
2. NATURAL INCREASE	323	4.2	3.9	274	3.8	3.5	49	8.5	8.3
LIVE BIRTHS									
3. TOTAL	993	12.8	12.3	881	12.2	11.8	112	19.5	17.3
MALES	501	6.4	6.4	451	6.3	6.2	50	8.7	8.6
FEMALES	492	6.3	5.8	430	6.0	5.6	62	10.8	8.7
4. ATTENDANT									
PHYSICIAN IN HOSPITAL	984	99.1	99.3	875	99.3	99.4	109	97.3	98.8
PHYSICIAN NOT IN HOSPITAL	2	0.2	0.1	2	0.2	0.1	0	0.0	0.2
CERTIFIED NURSE MIDWIFE	1	0.1	0.0	1	0.1	0.0	0	0.0	0.0
OTHER ATTENDANT	6	0.6	0.5	3	0.3	0.4	3	2.7	1.0
5. PREMATURE BIRTHS	91	9.2	8.5	78	8.9	7.9	13	11.6	13.2
6. OUT OF WEDLOCK	235	23.7	21.1	173	19.6	17.3	62	55.4	53.6
7. OCCURRENCE									
TOTAL	1208	1.2	1.1	1087	1.6	1.5	121	0.4	0.3
TO RESIDENTS	809	67.0	70.2	705	64.9	68.3	104	86.0	88.3
FETAL & INFANT MORTALITY									
8. PERINATAL DEATHS	16	15.9	14.8	11	12.4	13.2	5	43.1	27.6
9. FETAL DEATHS	12	11.9	8.9	8	9.0	8.3	4	34.5	13.8
ATTENDANT									
PHYSICIAN IN HOSPITAL	12	100.0	100.0	8	100.0	100.0	4	100.0	100.0
PHYSICIAN NOT IN HOSPITAL	0	0.0	0.0	0	0.0	0.0	0	0.0	0.0
CERTIFIED NURSE MIDWIFE	0	0.0	0.0	0	0.0	0.0	0	0.0	0.0
OTHER ATTENDANT	0	0.0	0.0	0	0.0	0.0	0	0.0	0.0
OUT OF WEDLOCK	6	50.0	31.0	4	50.0	25.7	2	50.0	57.1
10. NEONATAL (UNDER 28 DAYS)	4	4.0	6.0	3	3.4	5.0	1	8.9	14.0
11. POSTNEONATAL (28 DAYS - 1 YEAR)	5	5.1	3.0	4	4.6	2.6	1	9.0	6.1
12. INFANT DEATHS (UNDER 1 YEAR)	9	9.1	9.0	7	7.9	7.6	2	17.9	20.0
DEATHS (EXCLUDING FETALS)									
13. TOTAL	670	8.6	8.4	607	8.4	8.3	63	11.0	9.1
MALES	370	9.8	9.4	330	9.4	9.4	40	14.4	9.5
FEMALES	300	7.5	7.4	277	7.5	7.3	23	7.8	8.6
14. AGE									
00-04 YEARS	11	2.4	2.4	9	2.1	2.1	2	5.2	5.0
05-14 YEARS	4	0.4	0.3	4	0.4	0.3	0	0.0	0.0
15-24 YEARS	12	1.0	1.1	12	1.1	1.2	0	0.0	0.8
25-34 YEARS	19	1.5	1.5	15	1.3	1.5	4	4.2	2.1
35-44 YEARS	20	1.7	2.2	15	1.4	2.0	5	6.3	4.5
45-54 YEARS	41	4.4	5.0	40	4.6	4.8	1	1.9	7.8
55-64 YEARS	95	12.4	11.8	84	11.6	11.5	11	25.3	16.5
65 AND OVER	468	49.7	48.8	428	48.1	48.0	40	76.6	61.8
15. PLACE OF DEATH									
HOSPITAL	421	62.8	62.1	387	63.8	62.0	34	54.0	63.6
OTHER INSTITUTION	109	16.3	19.1	96	15.8	19.0	13	20.6	19.2
HOME OR NON-INSTITUTION	140	20.9	18.8	124	20.4	19.0	16	25.4	17.2
16. OCCURRENCE									
TOTAL	618	1.1	1.1	556	1.3	1.3	62	0.4	0.4
TO RESIDENTS	512	82.8	82.1	464	83.5	82.3	48	77.4	79.7
OTHER EVENTS									
17. MARRIAGES	545	7.0	6.6						
18. DIVORCES AND ANNULMENTS	381	4.9	4.9						

* SEE DEFINITIONS AND FORMULAS (SECTION VII)

SELECTED VITAL STATISTICS FOR 1989 AND 1985-1989

CABARRUS COUNTY

ITEM	TOTAL			WHITE			NONWHITE		
	NUMBER	RATE*		NUMBER	RATE*		NUMBER	RATE*	
	1989	1989	85-89	1989	1989	85-89	1989	1989	85-89
POPULATION									
1. TOTAL	97295	1.5	1.5	84852	1.7	1.7	12443	0.8	0.8
MALES	46458	47.7	47.8	40784	48.1	48.1	5674	45.6	45.9
FEMALES	50837	52.3	52.2	44068	51.9	51.9	6769	54.4	54.1
2. NATURAL INCREASE	522	5.4	4.8	369	4.3	3.8	153	12.3	11.3
LIVE BIRTHS									
3. TOTAL	1403	14.4	13.9	1126	13.3	12.7	277	22.3	21.5
MALES	714	7.3	7.1	575	6.8	6.5	139	11.2	11.1
FEMALES	689	7.1	6.8	551	6.5	6.2	138	11.1	10.5
4. ATTENDANT									
PHYSICIAN IN HOSPITAL	1397	99.6	99.6	1120	99.5	99.6	277	100.0	99.6
PHYSICIAN NOT IN HOSPITAL	0	0.0	0.1	0	0.0	0.0	0	0.0	0.3
CERTIFIED NURSE MIDWIFE	6	0.4	0.3	6	0.5	0.3	0	0.0	0.1
OTHER ATTENDANT	0	0.0	0.0	0	0.0	0.1	0	0.0	0.0
5. PREMATURE BIRTHS	109	7.8	8.5	78	6.9	6.9	31	11.2	14.3
6. OUT OF WEDLOCK	323	23.0	22.4	124	11.0	10.4	199	71.8	68.5
7. OCCURRENCE									
TOTAL	1281	1.2	1.4	1013	1.5	1.6	268	0.8	0.9
TO RESIDENTS	866	67.6	67.7	638	63.0	63.0	228	85.1	86.0
FETAL & INFANT MORTALITY									
8. PERINATAL DEATHS	18	12.7	15.6	9	8.0	12.8	9	31.6	26.1
9. FETAL DEATHS	10	7.1	8.5	2	1.8	6.1	8	28.1	17.4
ATTENDANT									
PHYSICIAN IN HOSPITAL	10	100.0	100.0	2	100.0	100.0	8	100.0	100.0
PHYSICIAN NOT IN HOSPITAL	0	0.0	0.0	0	0.0	0.0	0	0.0	0.0
CERTIFIED NURSE MIDWIFE	0	0.0	0.0	0	0.0	0.0	0	0.0	0.0
OTHER ATTENDANT	0	0.0	0.0	0	0.0	0.0	0	0.0	0.0
OUT OF WEDLOCK	5	50.0	35.7	0	0.0	9.4	5	62.5	70.8
10. NEONATAL (UNDER 28 DAYS)	8	5.7	7.2	7	6.2	6.7	1	3.6	8.9
11. POSTNEONATAL (28 DAYS - 1 YEAR)	4	2.9	3.5	2	1.8	2.7	2	7.2	6.7
12. INFANT DEATHS (UNDER 1 YEAR)	12	8.6	10.7	9	8.0	9.4	3	10.8	15.5
DEATHS (EXCLUDING FETALS)									
13. TOTAL	881	9.1	9.1	757	8.9	9.0	124	10.0	10.2
MALES	443	9.5	9.9	377	9.2	9.6	66	11.6	12.1
FEMALES	438	8.6	8.4	380	8.6	8.4	58	8.6	8.6
14. AGE									
00-04 YEARS	14	2.3	2.7	10	1.9	2.2	4	4.4	5.5
05-14 YEARS	3	0.2	0.3	2	0.2	0.3	1	0.5	0.5
15-24 YEARS	15	1.0	1.1	13	1.1	1.1	2	0.8	1.5
25-34 YEARS	23	1.5	1.3	18	1.3	1.2	5	2.7	2.1
35-44 YEARS	31	2.1	1.8	23	1.8	1.5	8	4.6	3.8
45-54 YEARS	55	5.0	4.8	40	4.0	4.1	15	13.3	10.8
55-64 YEARS	105	11.0	12.6	87	10.0	11.6	18	19.9	21.7
65 AND OVER	635	46.7	47.9	564	46.2	46.8	71	52.0	57.3
15. PLACE OF DEATH									
HOSPITAL	582	66.1	68.3	496	65.5	67.8	86	59.4	70.6
OTHER INSTITUTION	125	14.2	12.5	115	15.2	12.8	10	8.1	10.7
HOME OR NON-INSTITUTION	174	19.8	19.3	146	19.3	19.4	28	22.6	18.7
16. OCCURRENCE									
TOTAL	877	1.5	1.5	757	1.7	1.7	120	0.8	0.9
TO RESIDENTS	698	79.6	80.2	592	78.2	78.6	106	88.3	89.8
OTHER EVENTS									
17. MARRIAGES	730	7.5	7.6						
18. DIVORCES AND ANNULMENTS	454	4.7	4.5						

* SEE DEFINITIONS AND FORMULAS (SECTION VII)

SELECTED VITAL STATISTICS FOR 1989 AND 1985-1989

CALDWELL COUNTY

ITEM	TOTAL			WHITE			NONWHITE		
	NUMBER 1989	RATE* 1989	RATE* 85-89	NUMBER 1989	RATE* 1989	RATE* 85-89	NUMBER 1989	RATE* 1989	RATE* 85-89
POPULATION									
1. TOTAL	71463	1.1	1.1	67698	1.4	1.4	3765	0.2	0.2
MALES	34840	48.8	48.8	33136	48.9	48.9	1704	45.3	45.8
FEMALES	36623	51.2	51.2	34562	51.1	51.1	2061	54.7	54.2
2. NATURAL INCREASE	371	5.2	5.1	329	4.9	4.8	42	11.2	10.1
LIVE BIRTHS									
3. TOTAL	961	13.4	13.2	883	13.0	12.8	78	20.7	19.5
MALES	493	6.9	6.8	457	6.8	6.6	36	9.6	10.6
FEMALES	468	6.5	6.3	426	6.3	6.2	42	11.2	9.0
4. ATTENDANT									
PHYSICIAN IN HOSPITAL	948	98.6	99.5	870	98.5	99.5	78	100.0	99.5
PHYSICIAN NOT IN HOSPITAL	1	0.1	0.1	1	0.1	0.0	0	0.0	0.3
CERTIFIED NURSE MIDWIFE	1	0.1	0.0	1	0.1	0.0	0	0.0	0.3
OTHER ATTENDANT	11	1.1	0.4	11	1.2	0.4	0	0.0	0.0
5. PREMATURE BIRTHS	69	7.2	7.8	57	6.5	7.2	12	15.4	14.0
6. OUT OF WEDLOCK	234	24.3	22.8	177	20.0	18.9	57	73.1	66.8
7. OCCURRENCE									
TOTAL	417	0.4	0.5	353	0.5	0.6	64	0.2	0.2
TO RESIDENTS	398	95.4	95.3	337	95.5	95.2	61	95.3	95.8
FETAL & INFANT MORTALITY									
8. PERINATAL DEATHS	20	20.6	14.9	15	16.9	13.2	5	63.3	33.8
9. FETAL DEATHS	8	8.3	7.2	7	7.9	6.5	1	12.7	15.6
ATTENDANT									
PHYSICIAN IN HOSPITAL	8	100.0	100.0	7	100.0	100.0	1	100.0	100.0
PHYSICIAN NOT IN HOSPITAL	0	0.0	0.0	0	0.0	0.0	0	0.0	0.0
CERTIFIED NURSE MIDWIFE	0	0.0	0.0	0	0.0	0.0	0	0.0	0.0
OTHER ATTENDANT	0	0.0	0.0	0	0.0	0.0	0	0.0	0.0
OUT OF WEDLOCK	3	37.5	38.2	2	28.6	28.6	1	100.0	83.3
10. NEONATAL (UNDER 28 DAYS)	12	12.5	7.7	8	9.1	6.8	4	51.3	18.5
11. POSTNEONATAL (28 DAYS - 1 YEAR)	7	7.4	5.8	7	8.0	5.2	0	0.0	13.4
12. INFANT DEATHS (UNDER 1 YEAR)	19	19.8	13.5	15	17.0	11.9	4	51.3	31.7
DEATHS (EXCLUDING FETALS)									
13. TOTAL	590	8.3	8.1	554	8.2	8.1	36	9.6	9.4
MALES	333	9.6	9.1	312	9.4	9.0	21	12.3	10.5
FEMALES	257	7.0	7.2	242	7.0	7.1	15	7.3	8.5
14. AGE									
00-04 YEARS	20	4.5	3.2	16	3.8	2.8	4	13.8	8.5
05-14 YEARS	5	0.5	0.2	4	0.4	0.2	1	1.6	0.3
15-24 YEARS	11	1.0	1.0	10	1.0	1.0	1	1.5	1.1
25-34 YEARS	13	1.1	1.2	13	1.2	1.0	0	0.0	3.4
35-44 YEARS	21	2.0	1.9	21	2.1	1.8	0	0.0	4.0
45-54 YEARS	36	4.2	5.5	31	3.8	5.0	5	13.9	16.0
55-64 YEARS	84	12.0	12.7	79	11.9	12.6	5	15.7	14.7
65 AND OVER	400	47.6	48.3	380	47.6	48.5	20	47.6	44.9
15. PLACE OF DEATH									
HOSPITAL	341	57.8	61.7	315	56.9	61.1	26	72.2	70.3
OTHER INSTITUTION	124	21.0	15.5	117	21.1	15.6	7	19.4	13.2
HOME OR NON-INSTITUTION	125	21.2	22.8	122	22.0	23.3	3	8.3	16.5
16. OCCURRENCE									
TOTAL	446	0.8	0.8	416	1.0	1.0	30	0.2	0.2
TO RESIDENTS	395	88.6	86.6	372	89.4	86.9	23	76.7	81.9
OTHER EVENTS									
17. MARRIAGES	546	7.6	8.2						
18. DIVORCES AND ANNULMENTS	370	5.2	5.3						

* SEE DEFINITIONS AND FORMULAS (SECTION VII)

SELECTED VITAL STATISTICS FOR 1989 AND 1985-1989

CAMDEN COUNTY

ITEM	TOTAL NUMBER 1989	TOTAL RATE* 1989	TOTAL RATE* 85-89	WHITE NUMBER 1989	WHITE RATE* 1989	WHITE RATE* 85-89	NONWHITE NUMBER 1989	NONWHITE RATE* 1989	NONWHITE RATE* 85-89
POPULATION									
1. TOTAL	6221	0.1	0.1	4478	0.1	0.1	1743	0.1	0.1
MALES	3035	48.8	48.8	2228	49.8	49.7	807	46.3	46.6
FEMALES	3186	51.2	51.2	2250	50.2	50.3	936	53.7	53.4
2. NATURAL INCREASE	30	4.8	2.6	18	4.0	1.6	12	6.9	5.1
LIVE BIRTHS									
3. TOTAL	96	15.4	12.6	67	15.0	11.8	29	16.6	14.4
MALES	48	7.7	6.3	34	7.6	6.2	14	8.0	6.7
FEMALES	48	7.7	6.3	33	7.4	5.7	15	8.6	7.7
4. ATTENDANT									
PHYSICIAN IN HOSPITAL	94	97.9	95.0	65	97.0	93.6	29	100.0	97.6
PHYSICIAN NOT IN HOSPITAL	0	0.0	0.0	0	0.0	0.0	0	0.0	0.0
CERTIFIED NURSE MIDWIFE	2	2.1	5.0	2	3.0	6.4	0	0.0	2.4
OTHER ATTENDANT	0	0.0	0.0	0	0.0	0.0	0	0.0	0.0
5. PREMATURE BIRTHS	11	11.5	10.1	6	9.0	7.2	5	17.2	15.7
6. OUT OF WEDLOCK	26	27.1	30.2	10	14.9	15.2	16	55.2	59.8
7. OCCURRENCE									
TOTAL	0	0.0	0.0	0	0.0	0.0	0	0.0	0.0
TO RESIDENTS	0			0			0		
FETAL & INFANT MORTALITY									
8. PERINATAL DEATHS	1	10.4	13.1	0	0.0	11.9	1	34.5	15.6
9. FETAL DEATHS	0	0.0	10.5	0	0.0	11.9	0	0.0	7.8
ATTENDANT									
PHYSICIAN IN HOSPITAL	0		100.0	0		100.0	0		100.0
PHYSICIAN NOT IN HOSPITAL	0		0.0	0		0.0	0		0.0
CERTIFIED NURSE MIDWIFE	0		0.0	0		0.0	0		0.0
OTHER ATTENDANT	0		0.0	0		0.0	0		0.0
OUT OF WEDLOCK	0		25.0	0		0.0	0		100.0
10. NEONATAL (UNDER 28 DAYS)	1	10.4	2.7	0	0.0	0.0	1	34.5	7.9
11. POSTNEONATAL (28 DAYS - 1 YEAR)	0	0.0	2.7	0	0.0	4.0	0	0.0	0.0
12. INFANT DEATHS (UNDER 1 YEAR)	1	10.4	5.3	0	0.0	4.0	1	34.5	7.9
DEATHS (EXCLUDING FETALS)									
13. TOTAL	66	10.6	10.0	49	10.9	10.3	17	9.8	9.3
MALES	34	11.2	11.1	25	11.2	10.8	9	11.2	11.9
FEMALES	32	10.0	8.9	24	10.7	9.8	8	8.5	7.0
14. AGE									
00-04 YEARS	1	2.4	1.0	0	0.0	0.8	1	7.5	1.4
05-14 YEARS	0	0.0	0.0	0	0.0	0.0	0	0.0	0.0
15-24 YEARS	0	0.0	0.9	0	0.0	0.7	0	0.0	1.3
25-34 YEARS	1	1.0	1.3	1	1.5	0.9	0	0.0	2.1
35-44 YEARS	2	2.3	2.2	2	3.1	1.3	0	0.0	4.6
45-54 YEARS	2	2.7	5.0	1	1.8	3.9	1	5.9	8.6
55-64 YEARS	13	20.6	16.1	7	15.3	16.6	6	34.7	14.8
65 AND OVER	47	56.2	53.6	38	58.9	53.5	9	46.9	54.2
15. PLACE OF DEATH									
HOSPITAL	43	65.2	63.5	31	63.3	64.1	12	70.6	62.2
OTHER INSTITUTION	9	13.6	13.7	8	16.3	15.2	1	5.9	9.8
HOME OR NON-INSTITUTION	14	21.2	22.7	10	20.4	20.7	4	23.5	28.0
16. OCCURRENCE									
TOTAL	15	0.0	0.0	11	0.0	0.0	4	0.0	0.0
TO RESIDENTS	15	100.0	88.3	11	100.0	83.6	4	100.0	100.0
OTHER EVENTS									
17. MARRIAGES	40	6.4	7.4						
18. DIVORCES AND ANNULMENTS	14	2.3	1.8						

* SEE DEFINITIONS AND FORMULAS (SECTION VII)

SELECTED VITAL STATISTICS FOR 1989 AND 1985-1989

CARTERET COUNTY

ITEM	TOTAL NUMBER 1989	TOTAL RATE* 1989	TOTAL RATE* 85-89	WHITE NUMBER 1989	WHITE RATE* 1989	WHITE RATE* 85-89	NONWHITE NUMBER 1989	NONWHITE RATE* 1989	NONWHITE RATE* 85-89
POPULATION									
1. TOTAL	51464	0.8	0.8	46795	0.9	0.9	4669	0.3	0.3
MALES	25525	49.6	49.6	23266	49.7	49.7	2259	48.4	48.7
FEMALES	25939	50.4	50.4	23529	50.3	50.3	2410	51.6	51.3
2. NATURAL INCREASE	191	3.7	4.8	147	3.1	4.4	44	9.4	6.4
LIVE BIRTHS									
3. TOTAL	690	13.4	14.1	604	12.9	13.6	86	18.4	18.5
MALES	355	6.9	7.3	305	6.5	7.0	50	10.7	9.9
FEMALES	335	6.5	6.8	299	6.4	6.6	36	7.7	8.6
4. ATTENDANT									
PHYSICIAN IN HOSPITAL	669	97.0	97.6	585	96.9	97.5	84	97.7	98.6
PHYSICIAN NOT IN HOSPITAL	0	0.0	0.4	0	0.0	0.5	0	0.0	0.0
CERTIFIED NURSE MIDWIFE	20	2.9	1.8	18	3.0	1.9	2	2.3	1.4
OTHER ATTENDANT	1	0.1	0.1	1	0.2	0.2	0	0.0	0.0
5. PREMATURE BIRTHS	41	5.9	6.3	33	5.5	5.8	8	9.3	9.6
6. OUT OF WEDLOCK	130	18.8	15.2	89	14.7	11.2	41	47.7	43.8
7. OCCURRENCE									
TOTAL	512	0.5	0.6	441	0.6	0.8	71	0.2	0.3
TO RESIDENTS	470	91.8	88.6	405	91.8	89.0	65	91.5	86.1
FETAL & INFANT MORTALITY									
8. PERINATAL DEATHS	6	8.6	10.9	5	8.2	10.9	1	11.5	11.4
9. FETAL DEATHS	4	5.8	4.8	3	4.9	5.1	1	11.5	2.3
ATTENDANT									
PHYSICIAN IN HOSPITAL	4	100.0	100.0	3	100.0	100.0	1	100.0	100.0
PHYSICIAN NOT IN HOSPITAL	0	0.0	0.0	0	0.0	0.0	0	0.0	0.0
CERTIFIED NURSE MIDWIFE	0	0.0	0.0	0	0.0	0.0	0	0.0	0.0
OTHER ATTENDANT	0	0.0	0.0	0	0.0	0.0	0	0.0	0.0
OUT OF WEDLOCK	0	0.0	0.0	0	0.0	0.0	0	0.0	0.0
10. NEONATAL (UNDER 28 DAYS)	2	2.9	6.2	2	3.3	5.8	0	0.0	9.1
11. POSTNEONATAL (28 DAYS - 1 YEAR)	3	4.4	4.8	3	5.0	4.9	0	0.0	4.6
12. INFANT DEATHS (UNDER 1 YEAR)	5	7.2	11.0	5	8.3	10.6	0	0.0	13.7
DEATHS (EXCLUDING FETALS)									
13. TOTAL	499	9.7	9.3	457	9.8	9.2	42	9.0	10.0
MALES	276	10.8	10.4	254	10.9	10.3	22	9.7	12.0
FEMALES	223	8.6	8.2	203	8.6	8.2	20	8.5	8.1
14. AGE									
00-04 YEARS	6	1.7	2.7	6	1.9	2.6	0	0.0	3.5
05-14 YEARS	2	0.3	0.2	1	0.2	0.2	1	1.3	0.2
15-24 YEARS	1	0.1	0.9	1	0.2	0.8	0	0.0	1.4
25-34 YEARS	14	1.6	1.5	12	1.5	1.4	2	2.3	2.5
35-44 YEARS	24	3.3	2.4	20	3.0	2.1	4	6.2	5.6
45-54 YEARS	21	3.9	5.4	19	3.7	4.9	2	5.4	11.7
55-64 YEARS	78	14.6	12.9	72	14.4	12.4	6	17.4	19.2
65 AND OVER	353	49.4	48.9	326	48.5	47.7	27	52.6	65.5
15. PLACE OF DEATH									
HOSPITAL	347	69.5	66.6	317	69.4	66.7	30	71.4	66.4
OTHER INSTITUTION	67	13.4	15.0	60	13.1	14.6	7	16.7	18.9
HOME OR NON-INSTITUTION	85	17.0	18.4	80	17.5	18.8	5	11.9	14.7
16. OCCURRENCE									
TOTAL	460	0.8	0.8	421	1.0	0.9	39	0.3	0.4
TO RESIDENTS	420	91.3	89.0	387	91.9	90.0	33	84.6	81.2
OTHER EVENTS									
17. MARRIAGES	565	11.0	11.7						
18. DIVORCES AND ANNULMENTS	230	4.5	4.8						

* SEE DEFINITIONS AND FORMULAS (SECTION VII)

SELECTED VITAL STATISTICS FOR 1989 AND 1985-1989

CASWELL COUNTY

ITEM	TOTAL NUMBER 1989	TOTAL RATE* 1989	TOTAL RATE* 85-89	WHITE NUMBER 1989	WHITE RATE* 1989	WHITE RATE* 85-89	NONWHITE NUMBER 1989	NONWHITE RATE* 1989	NONWHITE RATE* 85-89
POPULATION									
1. TOTAL	22200	0.3	0.3	13588	0.3	0.3	8612	0.5	0.6
MALES	10854	48.9	49.1	6781	49.9	49.9	4073	47.3	47.8
FEMALES	11346	51.1	50.9	6807	50.1	50.1	4539	52.7	52.2
2. NATURAL INCREASE	61	2.7	3.0	43	3.2	2.3	18	2.1	4.0
LIVE BIRTHS									
3. TOTAL	269	12.1	11.6	154	11.3	10.9	115	13.4	12.6
MALES	142	6.4	5.9	80	5.9	5.7	62	7.2	6.4
FEMALES	127	5.7	5.7	74	5.4	5.3	53	6.2	6.2
4. ATTENDANT									
PHYSICIAN IN HOSPITAL	264	98.1	98.1	151	98.1	97.4	113	98.3	98.9
PHYSICIAN NOT IN HOSPITAL	0	0.0	0.2	0	0.0	0.3	0	0.0	0.0
CERTIFIED NURSE MIDWIFE	1	0.4	0.8	1	0.6	1.4	0	0.0	0.2
OTHER ATTENDANT	4	1.5	0.9	2	1.3	1.0	2	1.7	0.9
5. PREMATURE BIRTHS	25	9.3	9.0	10	6.5	6.8	15	13.0	11.8
6. OUT OF WEDLOCK	78	29.0	26.2	18	11.7	10.0	60	52.2	47.2
7. OCCURRENCE									
TOTAL	4	0.0	0.0	2	0.0	0.0	2	0.0	0.0
TO RESIDENTS	3	75.0	91.7	2	100.0	100.0	1	50.0	66.7
FETAL & INFANT MORTALITY									
8. PERINATAL DEATHS	6	22.1	13.8	0	0.0	6.8	6	50.8	22.7
9. FETAL DEATHS	3	11.0	7.7	0	0.0	4.1	3	25.4	12.2
ATTENDANT									
PHYSICIAN IN HOSPITAL	3	100.0	100.0	0		100.0	3	100.0	100.0
PHYSICIAN NOT IN HOSPITAL	0	0.0	0.0	0		0.0	0	0.0	0.0
CERTIFIED NURSE MIDWIFE	0	0.0	0.0	0		0.0	0	0.0	0.0
OTHER ATTENDANT	0	0.0	0.0	0		0.0	0	0.0	0.0
OUT OF WEDLOCK	2	66.7	50.0	0		0.0	2	66.7	71.4
10. NEONATAL (UNDER 28 DAYS)	3	11.2	6.2	0	0.0	2.7	3	26.1	10.6
11. POSTNEONATAL (28 DAYS - 1 YEAR)	1	3.8	2.3	0	0.0	1.4	1	8.9	3.6
12. INFANT DEATHS (UNDER 1 YEAR)	4	14.9	8.5	0	0.0	4.1	4	34.8	14.1
DEATHS (EXCLUDING FETALS)									
13. TOTAL	208	9.4	8.6	111	8.2	8.6	97	11.3	8.6
MALES	111	10.2	9.7	60	8.8	9.2	51	12.5	10.6
FEMALES	97	8.5	7.5	51	7.5	8.0	46	10.1	6.8
14. AGE									
00-04 YEARS	4	3.0	2.2	0	0.0	1.2	4	7.5	3.5
05-14 YEARS	1	0.3	0.6	1	0.6	0.6	0	0.0	0.8
15-24 YEARS	5	1.5	1.1	5	2.5	1.4	0	0.0	0.6
25-34 YEARS	6	1.6	1.6	4	1.8	1.1	2	1.4	2.2
35-44 YEARS	11	3.3	2.6	3	1.5	1.9	8	6.0	3.7
45-54 YEARS	15	5.9	5.1	7	4.4	4.1	8	8.5	6.6
55-64 YEARS	31	14.8	13.0	16	12.0	12.6	15	19.6	13.5
65 AND OVER	135	48.6	48.0	75	41.1	46.0	60	62.8	52.0
15. PLACE OF DEATH									
HOSPITAL	116	55.8	60.7	67	60.4	62.0	49	50.5	58.7
OTHER INSTITUTION	47	22.6	17.0	24	21.6	16.6	23	23.7	17.6
HOME OR NON-INSTITUTION	45	21.6	22.4	20	18.0	21.4	25	25.8	23.8
16. OCCURRENCE									
TOTAL	92	0.2	0.1	54	0.1	0.1	38	0.3	0.2
TO RESIDENTS	72	78.3	83.1	36	66.7	77.3	36	94.7	92.9
OTHER EVENTS									
17. MARRIAGES	134	6.0	6.2						
18. DIVORCES AND ANNULMENTS	54	2.4	2.2						

* SEE DEFINITIONS AND FORMULAS (SECTION VII)

SELECTED VITAL STATISTICS FOR 1989 AND 1985-1989

CATAWBA COUNTY

ITEM	TOTAL NUMBER 1989	TOTAL RATE* 1989	TOTAL RATE* 85-89	WHITE NUMBER 1989	WHITE RATE* 1989	WHITE RATE* 85-89	NONWHITE NUMBER 1989	NONWHITE RATE* 1989	NONWHITE RATE* 85-89
POPULATION									
1. TOTAL	118427	1.8	1.8	106604	2.1	2.1	11823	0.7	0.7
MALES	57017	48.1	48.2	51438	48.3	48.3	5579	47.2	47.5
FEMALES	61410	51.9	51.8	55166	51.7	51.7	6244	52.8	52.5
2. NATURAL INCREASE	634	5.4	5.3	492	4.6	4.6	142	12.0	11.5
LIVE BIRTHS									
3. TOTAL	1714	14.5	13.7	1452	13.6	13.0	262	22.2	19.6
MALES	848	7.2	6.9	727	6.8	6.6	121	10.2	9.7
FEMALES	866	7.3	6.7	725	6.8	6.4	141	11.9	9.9
4. ATTENDANT									
PHYSICIAN IN HOSPITAL	1690	98.6	99.6	1433	98.7	99.6	257	98.1	99.3
PHYSICIAN NOT IN HOSPITAL	0	0.0	0.0	0	0.0	0.0	0	0.0	0.0
CERTIFIED NURSE MIDWIFE	0	0.0	0.1	0	0.0	0.0	0	0.0	0.1
OTHER ATTENDANT	24	1.4	0.4	19	1.3	0.3	5	1.9	0.6
5. PREMATURE BIRTHS	117	6.8	7.6	89	6.1	6.8	28	10.7	12.4
6. OUT OF WEDLOCK	413	24.1	20.6	239	16.5	13.4	174	66.4	63.2
7. OCCURRENCE									
TOTAL	2270	2.2	2.2	1992	2.9	2.9	278	0.8	0.8
TO RESIDENTS	1583	69.7	67.5	1330	66.8	64.7	253	91.0	89.6
FETAL & INFANT MORTALITY									
8. PERINATAL DEATHS	37	21.3	18.0	29	19.7	17.0	8	30.0	24.3
9. FETAL DEATHS	24	13.8	10.1	19	12.9	10.0	5	18.7	11.3
ATTENDANT									
PHYSICIAN IN HOSPITAL	24	100.0	100.0	19	100.0	100.0	5	100.0	100.0
PHYSICIAN NOT IN HOSPITAL	0	0.0	0.0	0	0.0	0.0	0	0.0	0.0
CERTIFIED NURSE MIDWIFE	0	0.0	0.0	0	0.0	0.0	0	0.0	0.0
OTHER ATTENDANT	0	0.0	0.0	0	0.0	0.0	0	0.0	0.0
OUT OF WEDLOCK	9	37.5	33.3	7	36.8	25.0	2	40.0	76.9
10. NEONATAL (UNDER 28 DAYS)	13	7.6	8.0	10	6.9	7.1	3	11.5	13.2
11. POSTNEONATAL (28 DAYS - 1 YEAR)	12	7.1	4.7	8	5.5	4.5	4	15.4	6.2
12. INFANT DEATHS (UNDER 1 YEAR)	25	14.6	12.7	18	12.4	11.5	7	26.7	19.3
DEATHS (EXCLUDING FETALS)									
13. TOTAL	1080	9.1	8.4	960	9.0	8.4	120	10.1	8.2
MALES	569	10.0	9.3	510	9.9	9.3	59	10.6	9.4
FEMALES	511	8.3	7.5	450	8.2	7.6	61	9.8	7.1
14. AGE									
00-04 YEARS	26	3.3	3.0	19	2.8	2.7	7	6.8	4.9
05-14 YEARS	6	0.4	0.2	5	0.4	0.2	1	0.5	0.3
15-24 YEARS	26	1.4	1.0	22	1.4	0.9	4	1.9	1.9
25-34 YEARS	29	1.5	1.2	19	1.1	1.0	10	5.0	2.7
35-44 YEARS	35	1.9	2.0	27	1.7	1.9	8	4.8	3.5
45-54 YEARS	74	5.5	5.0	60	4.9	4.6	14	13.4	8.7
55-64 YEARS	148	13.3	12.7	129	12.4	12.4	19	24.1	17.8
65 AND OVER	736	51.8	49.9	679	51.3	49.5	57	57.9	55.5
15. PLACE OF DEATH									
HOSPITAL	709	65.6	63.5	631	65.7	63.3	78	65.0	65.7
OTHER INSTITUTION	182	16.9	20.0	158	16.5	20.2	24	0.0	18.5
HOME OR NON-INSTITUTION	189	17.5	16.4	171	17.8	16.5	18	15.0	15.8
16. OCCURRENCE									
TOTAL	1140	2.0	1.8	1025	2.3	2.2	115	0.8	0.7
TO RESIDENTS	921	80.8	77.6	821	80.1	76.6	100	37.0	87.7
OTHER EVENTS									
17. MARRIAGES	887	7.5	7.7						
18. DIVORCES AND ANNULMENTS	691	5.8	6.0						

* SEE DEFINITIONS AND FORMULAS (SECTION VII)

SELECTED VITAL STATISTICS FOR 1989 AND 1985-1989

CHATHAM COUNTY

ITEM	TOTAL NUMBER 1989	TOTAL RATE* 1989	TOTAL RATE* 85-89	WHITE NUMBER 1989	WHITE RATE* 1989	WHITE RATE* 85-89	NONWHITE NUMBER 1989	NONWHITE RATE* 1989	NONWHITE RATE* 85-89
POPULATION									
1. TOTAL	37456	0.6	0.6	28494	0.6	0.6	8962	0.6	0.6
MALES	18196	48.6	48.8	13900	48.8	48.9	4296	47.9	48.4
FEMALES	19260	51.4	51.2	14594	51.2	51.1	4666	52.1	51.6
2. NATURAL INCREASE	240	6.4	5.8	179	6.3	5.7	61	6.8	6.3
LIVE BIRTHS									
3. TOTAL	571	15.2	15.0	420	14.7	14.7	151	16.8	16.0
MALES	287	7.7	7.5	214	7.5	7.4	73	8.1	7.8
FEMALES	284	7.6	7.5	206	7.2	7.3	78	8.7	8.2
4. ATTENDANT									
PHYSICIAN IN HOSPITAL	522	91.4	91.4	382	91.0	90.0	140	92.7	95.3
PHYSICIAN NOT IN HOSPITAL	1	0.2	0.1	0	0.0	0.1	1	0.7	0.1
CERTIFIED NURSE MIDWIFE	45	7.9	7.8	36	8.6	9.2	9	6.0	4.1
OTHER ATTENDANT	3	0.5	0.6	2	0.5	0.6	1	0.7	0.4
5. PREMATURE BIRTHS	39	6.8	7.4	19	4.5	4.6	20	13.2	14.9
6. OUT OF WEDLOCK	129	22.6	18.9	40	9.5	7.0	89	58.9	51.7
7. OCCURRENCE									
TOTAL	176	0.2	0.2	147	0.2	0.2	29	0.1	0.1
TO RESIDENTS	64	36.4	40.0	45	30.6	36.3	19	65.5	63.5
FETAL & INFANT MORTALITY									
8. PERINATAL DEATHS	7	12.2	14.6	6	14.2	14.4	1	6.6	15.1
9. FETAL DEATHS	4	7.0	7.6	3	7.1	7.4	1	6.6	8.2
ATTENDANT									
PHYSICIAN IN HOSPITAL	4	100.0	100.0	3	100.0	100.0	1	100.0	100.0
PHYSICIAN NOT IN HOSPITAL	0	0.0	0.0	0	0.0	0.0	0	0.0	0.0
CERTIFIED NURSE MIDWIFE	0	0.0	0.0	0	0.0	0.0	0	0.0	0.0
OTHER ATTENDANT	0	0.0	0.0	0	0.0	0.0	0	0.0	0.0
OUT OF WEDLOCK	0	0.0	23.8	0	0.0	6.7	0	0.0	66.7
10. NEONATAL (UNDER 28 DAYS)	3	5.3	7.0	3	7.1	7.0	0	0.0	6.9
11. POSTNEONATAL (28 DAYS - 1 YEAR)	0	0.0	2.2	0	0.0	1.5	0	0.0	4.2
12. INFANT DEATHS (UNDER 1 YEAR)	3	5.3	9.2	3	7.1	8.5	0	0.0	11.1
DEATHS (EXCLUDING FETALS)									
13. TOTAL	331	8.8	9.1	241	8.5	9.0	90	10.0	9.7
MALES	176	9.7	10.4	119	8.6	9.8	57	13.3	12.2
FEMALES	155	8.0	7.9	122	8.4	8.1	33	7.1	7.4
14. AGE									
00-04 YEARS	3	1.3	2.5	3	1.3	2.3	0	0.0	3.2
05-14 YEARS	3	0.7	0.3	3	0.9	0.3	0	0.0	0.3
15-24 YEARS	7	1.4	1.4	5	1.4	1.1	2	1.4	2.0
25-34 YEARS	4	0.6	1.0	2	0.4	0.8	2	1.3	1.6
35-44 YEARS	14	2.3	2.1	4	0.9	1.6	10	7.0	3.6
45-54 YEARS	27	6.5	6.3	16	4.9	4.5	11	12.0	12.5
55-64 YEARS	40	11.0	12.3	27	9.7	10.7	13	15.5	17.2
65 AND OVER	233	45.1	48.3	181	45.0	48.9	52	45.5	46.2
15. PLACE OF DEATH									
HOSPITAL	182	55.0	56.7	135	56.0	56.6	47	52.2	57.2
OTHER INSTITUTION	63	19.0	18.4	45	18.7	19.5	18	20.0	15.3
HOME OR NON-INSTITUTION	86	26.0	24.9	61	25.3	23.9	25	27.8	27.6
16. OCCURRENCE									
TOTAL	249	0.4	0.4	192	0.4	0.4	57	0.4	0.4
TO RESIDENTS	202	81.1	84.0	152	79.2	83.2	50	87.7	86.3
OTHER EVENTS									
17. MARRIAGES	313	8.4	8.1						
18. DIVORCES AND ANNULMENTS	159	4.2	3.5						

* SEE DEFINITIONS AND FORMULAS (SECTION VII)

SELECTED VITAL STATISTICS FOR 1989 AND 1985-1989

CHEROKEE COUNTY

ITEM	TOTAL NUMBER 1989	TOTAL RATE* 1989	TOTAL RATE* 85-89	WHITE NUMBER 1989	WHITE RATE* 1989	WHITE RATE* 85-89	NON-WHITE NUMBER 1989	NON-WHITE RATE* 1989	NON-WHITE RATE* 85-89
POPULATION									
1. TOTAL	21146	0.3	0.3	20339	0.4	0.4	807	0.1	0.1
MALES	10099	47.8	47.8	9739	47.9	47.9	360	44.6	44.9
FEMALES	11047	52.2	52.2	10600	52.1	52.1	447	55.4	55.1
2. NATURAL INCREASE	-15	-0.7	0.2	-13	-0.6	0.0	-2	-2.5	4.1
LIVE BIRTHS									
3. TOTAL	202	9.6	10.1	193	9.5	10.0	9	11.2	13.8
MALES	101	4.8	5.1	98	4.8	5.0	3	3.7	6.1
FEMALES	101	4.8	5.0	95	4.7	4.9	6	7.4	7.6
4. ATTENDANT									
PHYSICIAN IN HOSPITAL	201	99.5	99.0	192	99.5	99.0	9	100.0	100.0
PHYSICIAN NOT IN HOSPITAL	0	0.0	0.1	0	0.0	0.1	0	0.0	0.0
CERTIFIED NURSE MIDWIFE	1	0.5	0.2	1	0.5	0.2	0	0.0	0.0
OTHER ATTENDANT	0	0.0	0.7	0	0.0	0.7	0	0.0	0.0
5. PREMATURE BIRTHS	14	6.9	5.4	14	7.3	5.6	0	0.0	1.9
6. OUT OF WEDLOCK	34	16.8	13.0	30	15.5	12.3	4	44.4	24.1
7. OCCURRENCE									
TOTAL	177	0.2	0.2	172	0.2	0.3	5	0.0	0.0
TO RESIDENTS	112	63.3	67.9	107	62.2	67.2	5	100.0	86.5
FETAL & INFANT MORTALITY									
8. PERINATAL DEATHS	3	14.7	11.4	3	15.4	12.0	0	0.0	0.0
9. FETAL DEATHS	2	9.8	5.7	2	10.3	6.0	0	0.0	0.0
ATTENDANT									
PHYSICIAN IN HOSPITAL	2	100.0	83.3	2	100.0	83.3	0		
PHYSICIAN NOT IN HOSPITAL	0	0.0	0.0	0	0.0	0.0	0		
CERTIFIED NURSE MIDWIFE	0	0.0	0.0	0	0.0	0.0	0		
OTHER ATTENDANT	0	0.0	16.7	0	0.0	16.7	0		
OUT OF WEDLOCK	1	50.0	16.7	1	50.0	16.7	0		
10. NEONATAL (UNDER 28 DAYS)	1	5.0	5.7	1	5.2	6.0	0	0.0	0.0
11. POSTNEONATAL (28 DAYS - 1 YEAR)	0	0.0	1.9	0	0.0	1.0	0	0.0	18.5
12. INFANT DEATHS (UNDER 1 YEAR)	1	5.0	7.6	1	5.2	7.0	0	0.0	18.5
DEATHS (EXCLUDING FETALS.									
13. TOTAL	217	10.3	10.0	206	10.1	10.0	11	13.6	9.7
MALES	118	11.7	11.6	111	11.4	11.5	7	19.4	13.1
FEMALES	99	9.0	8.5	95	9.0	8.5	4	8.9	6.9
14. AGE									
00-04 YEARS	2	1.5	1.4	2	1.5	1.2	0	0.0	4.1
05-14 YEARS	2	0.7	0.1	2	0.7	0.1	0	0.0	0.0
15-24 YEARS	3	1.0	0.9	2	0.7	0.9	1	8.0	1.6
25-34 YEARS	5	1.8	1.3	5	1.9	1.3	0	0.0	1.6
35-44 YEARS	3	1.0	1.3	3	1.1	1.1	0	0.0	6.9
45-54 YEARS	12	5.0	5.7	12	5.2	5.5	0	0.0	13.1
55-64 YEARS	29	12.9	11.9	28	12.6	11.8	1	15.2	15.1
65 AND OVER	161	43.2	44.0	152	42.4	44.4	9	64.7	34.4
15. PLACE OF DEATH									
HOSPITAL	151	69.6	63.9	142	68.9	63.6	9	81.8	71.1
OTHER INSTITUTION	28	12.9	20.2	27	13.1	20.3	1	9.1	18.4
HOME OR NON-INSTITUTION	38	17.5	15.9	37	18.0	16.1	1	9.1	10.5
16. OCCURRENCE									
TOTAL	193	0.3	0.3	186	0.4	0.4	7	0.0	0.0
TO RESIDENTS	147	76.2	75.8	140	75.3	75.5	7	100.0	85.2
OTHER EVENTS									
17. MARRIAGES	192	9.1	9.7						
18. DIVORCES AND ANNULMENTS	67	3.2	3.5						

* SEE DEFINITIONS AND FORMULAS (SECTION VII)

SELECTED VITAL STATISTICS FOR 1989 AND 1985-1989

CHOWAN COUNTY

ITEM	TOTAL			WHITE			NONWHITE		
	NUMBER 1989	RATE* 1989	RATE* 85-89	NUMBER 1989	RATE* 1989	RATE* 85-89	NUMBER 1989	RATE* 1989	RATE* 85-89
POPULATION									
1. TOTAL	13584	0.2	0.2	7948	0.2	0.2	5636	0.4	0.4
MALES	6196	45.6	46.0	3753	47.2	47.3	2443	43.3	44.1
FEMALES	7388	54.4	54.0	4195	52.8	52.7	3193	56.7	55.9
2. NATURAL INCREASE	3	0.2	1.7	-10	-1.3	-1.3	13	2.3	5.7
LIVE BIRTHS									
3. TOTAL	170	12.5	13.9	105	13.2	12.4	65	11.5	16.0
MALES	86	6.3	6.9	52	6.5	6.6	34	6.0	7.3
FEMALES	84	6.2	7.0	53	6.7	5.7	31	5.5	8.7
4. ATTENDANT									
PHYSICIAN IN HOSPITAL	170	100.0	99.4	105	100.0	99.0	65	100.0	99.8
PHYSICIAN NOT IN HOSPITAL	0	0.0	0.1	0	0.0	0.0	0	0.0	0.2
CERTIFIED NURSE MIDWIFE	0	0.0	0.5	0	0.0	1.0	0	0.0	0.0
OTHER ATTENDANT	0	0.0	0.0	0	0.0	0.0	0	0.0	0.0
5. PREMATURE BIRTHS	13	7.6	6.7	7	6.7	3.7	6	9.2	10.0
6. OUT OF WEDLOCK	63	37.1	32.9	15	14.3	8.7	48	73.8	59.0
7. OCCURRENCE									
TOTAL	411	0.4	0.4	220	0.3	0.3	191	0.6	0.7
TO RESIDENTS	156	38.0	40.1	94	42.7	38.3	62	32.5	42.0
FETAL & INFANT MORTALITY									
8. PERINATAL DEATHS	5	28.6	12.7	0	0.0	2.1	5	71.4	24.0
9. FETAL DEATHS	5	28.6	9.5	0	0.0	2.1	5	71.4	17.4
ATTENDANT									
PHYSICIAN IN HOSPITAL	5	100.0	88.9	0		0.0	5	100.0	100.0
PHYSICIAN NOT IN HOSPITAL	0	0.0	11.1	0		100.0	0	0.0	0.0
CERTIFIED NURSE MIDWIFE	0	0.0	0.0	0		0.0	0	0.0	0.0
OTHER ATTENDANT	0	0.0	0.0	0		0.0	0	0.0	0.0
OUT OF WEDLOCK	2	40.0	55.6	0		100.0	2	40.0	50.0
10. NEONATAL (UNDER 28 DAYS)	0	0.0	3.2	0	0.0	0.0	0	0.0	6.7
11. POSTNEONATAL (28 DAYS - 1 YEAR)	0	0.0	2.1	0	0.0	4.1	0	0.0	0.0
12. INFANT DEATHS (UNDER 1 YEAR)	0	0.0	5.3	0	0.0	4.1	0	0.0	6.7
DEATHS (EXCLUDING FETALS)									
13. TOTAL	167	12.3	12.2	115	14.5	13.6	52	9.2	10.3
MALES	84	13.6	14.3	56	14.9	15.3	28	11.5	12.8
FEMALES	83	11.2	10.5	59	14.1	12.1	24	7.5	8.3
14. AGE									
00-04 YEARS	4	4.4	2.4	0	0.0	1.4	4	8.1	3.2
05-14 YEARS	0	0.0	0.4	0	0.0	0.2	0	0.0	0.6
15-24 YEARS	0	0.0	2.1	0	0.0	2.1	0	0.0	2.0
25-34 YEARS	6	3.1	2.0	3	2.8	1.7	3	3.3	2.3
35-44 YEARS	2	1.1	1.8	0	0.0	1.0	2	2.5	3.1
45-54 YEARS	6	4.5	5.6	4	4.3	4.4	2	4.9	8.2
55-64 YEARS	22	15.1	16.1	15	14.6	15.0	7	16.4	18.7
65 AND OVER	127	54.6	54.4	93	58.6	55.1	34	45.8	52.8
15. PLACE OF DEATH									
HOSPITAL	118	70.7	75.0	81	70.4	75.4	37	71.2	74.1
OTHER INSTITUTION	29	17.4	12.4	20	17.4	11.6	9	17.3	13.8
HOME OR NON-INSTITUTION	20	12.0	12.6	14	12.2	12.9	6	11.5	12.1
16. OCCURRENCE									
TOTAL	215	0.4	0.4	135	0.3	0.3	80	0.6	0.7
TO RESIDENTS	130	60.5	58.0	93	68.9	60.1	37	46.2	54.6
OTHER EVENTS									
17. MARRIAGES	119	8.8	7.8						
18. DIVORCES AND ANNULMENTS	60	4.4	4.0						

* SEE DEFINITIONS AND FORMULAS (SECTION VII)

SELECTED VITAL STATISTICS FOR 1989 AND 1985-1989

CLAY COUNTY

ITEM	TOTAL NUMBER 1989	TOTAL RATE* 1989	TOTAL RATE* 85-89	WHITE NUMBER 1989	WHITE RATE* 1989	WHITE RATE* 85-89	NONWHITE NUMBER 1989	NONWHITE RATE* 1989	NONWHITE RATE* 85-89
POPULATION									
1. TOTAL	7191	0.1	0.1	7148	0.1	0.1	43	0.0	0.0
MALES	3567	49.6	49.6	3549	49.7	49.6	18	41.9	43.3
FEMALES	3624	50.4	50.4	3599	50.3	50.4	25	58.1	56.7
2. NATURAL INCREASE	-4	-0.6	-0.4	-4	-0.6	-0.6	0	0.0	26.0
LIVE BIRTHS									
3. TOTAL	71	9.9	10.0	71	9.9	9.8	0	0.0	34.6
MALES	43	6.0	5.4	43	6.0	5.3	0	0.0	21.6
FEMALES	28	3.9	4.6	28	3.9	4.6	0	0.0	13.0
4. ATTENDANT									
PHYSICIAN IN HOSPITAL	69	97.2	97.8	69	97.2	97.7	0		100.0
PHYSICIAN NOT IN HOSPITAL	0	0.0	1.1	0	0.0	1.1	0		0.0
CERTIFIED NURSE MIDWIFE	2	2.8	0.6	2	2.8	0.6	0		0.0
OTHER ATTENDANT	0	0.0	0.6	0	0.0	0.6	0		0.0
5. PREMATURE BIRTHS	6	8.5	6.1	6	8.5	6.0	0		12.5
6. OUT OF WEDLOCK	6	8.5	7.5	6	8.5	6.8	0		37.5
7. OCCURRENCE									
TOTAL	0	0.0	0.0	0	0.0	0.0	0	0.0	0.0
TO RESIDENTS	0		66.7	0		66.7	0		
FETAL & INFANT MORTALITY									
8. PERINATAL DEATHS	3	40.5	13.8	3	40.5	14.1	0		0.0
9. FETAL DEATHS	3	40.5	8.3	3	40.5	8.5	0		0.0
ATTENDANT									
PHYSICIAN IN HOSPITAL	3	100.0	100.0	3	100.0	100.0	0		
PHYSICIAN NOT IN HOSPITAL	0	0.0	0.0	0	0.0	0.0	0		
CERTIFIED NURSE MIDWIFE	0	0.0	0.0	0	0.0	0.0	0		
OTHER ATTENDANT	0	0.0	0.0	0	0.0	0.0	0		
OUT OF WEDLOCK	1	33.3	33.3	1	33.3	33.3	0		
10. NEONATAL (UNDER 28 DAYS)	0	0.0	5.6	0	0.0	5.7	0		0.0
11. POSTNEONATAL (28 DAYS - 1 YEAR)	0	0.0	2.8	0	0.0	2.9	0		0.0
12. INFANT DEATHS (UNDER 1 YEAR)	0	0.0	8.4	0	0.0	8.5	0		0.0
DEATHS (EXCLUDING FETALS)									
13. TOTAL	75	10.4	10.4	75	10.5	10.4	0	0.0	6.7
MALES	43	12.1	11.4	43	12.1	11.4	0	0.0	10.0
FEMALES	32	8.8	9.5	32	8.9	9.5	0	0.0	7.6
14. AGE									
00-04 YEARS	0	0.0	1.4	0	0.0	1.4	0	0.0	0.0
05-14 YEARS	1	1.1	0.6	1	1.1	0.6	0	0.0	0.0
15-24 YEARS	0	0.0	0.9	0	0.0	0.9	0	0.0	0.0
25-34 YEARS	0	0.0	0.6	0	0.0	0.6	0	0.0	0.0
35-44 YEARS	1	1.0	1.6	1	1.0	1.6	0	0.0	0.0
45-54 YEARS	3	4.2	5.9	3	4.2	5.7	0	0.0	43.5
55-64 YEARS	8	10.2	10.6	8	10.3	10.6	0	0.0	0.0
65 AND OVER	62	44.7	43.2	62	45.0	43.3	0	0.0	22.7
15. PLACE OF DEATH									
HOSPITAL	55	73.3	68.7	55	73.3	68.8	0		50.0
OTHER INSTITUTION	6	8.0	14.4	6	8.0	14.2	0		50.0
HOME OR NON-INSTITUTION	14	18.7	16.8	14	18.7	16.9	0		0.0
16. OCCURRENCE									
TOTAL	16	0.0	0.0	16	0.0	0.0	0	0.0	0.0
TO RESIDENTS	14	87.5	87.8	14	87.5	87.8	0		
OTHER EVENTS									
17. MARRIAGES	66	9.2	7.8						
18. DIVORCES AND ANNULMENTS	23	3.2	2.8						

* SEE DEFINITIONS AND FORMULAS (SECTION VII)

SELECTED VITAL STATISTICS FOR 1989 AND 1985-1989

CLEVELAND COUNTY

ITEM	TOTAL NUMBER 1989	TOTAL RATE* 1989	TOTAL RATE* 85-89	WHITE NUMBER 1989	WHITE RATE* 1989	WHITE RATE* 85-89	NONWHITE NUMBER 1989	NONWHITE RATE* 1989	NONWHITE RATE* 85-89
POPULATION									
1. TOTAL	87762	1.3	1.4	69582	1.4	1.4	18180	1.1	1.2
MALES	41733	47.6	47.7	33384	48.0	48.1	8349	45.9	46.3
FEMALES	46029	52.4	52.3	36198	52.0	51.9	9831	54.1	53.7
2. NATURAL INCREASE	514	5.9	4.8	254	3.7	2.8	260	14.3	12.0
LIVE BIRTHS									
3. TOTAL	1349	15.4	14.1	923	13.3	12.3	426	23.4	20.9
MALES	706	8.0	7.3	474	6.8	6.4	232	12.8	10.7
FEMALES	643	7.3	6.8	449	6.5	5.9	194	10.7	10.2
4. ATTENDANT									
PHYSICIAN IN HOSPITAL	1343	99.6	99.5	919	99.6	99.3	424	99.5	99.8
PHYSICIAN NOT IN HOSPITAL	3	0.2	0.1	2	0.2	0.1	1	0.2	0.1
CERTIFIED NURSE MIDWIFE	2	0.1	0.3	2	0.2	0.4	0	0.0	0.1
OTHER ATTENDANT	1	0.1	0.1	0	0.0	0.1	1	0.2	0.1
5. PREMATURE BIRTHS	115	8.5	8.7	58	6.3	6.9	57	13.4	12.7
6. OUT OF WEDLOCK	417	30.9	29.8	142	15.4	13.5	275	64.6	65.7
7. OCCURRENCE									
TOTAL	1375	1.3	1.4	979	1.4	1.5	396	1.2	1.2
TO RESIDENTS	1147	83.4	79.7	767	78.3	74.7	380	96.0	92.2
FETAL & INFANT MORTALITY									
8. PERINATAL DEATHS	24	17.6	17.3	13	14.0	15.3	11	25.6	21.9
9. FETAL DEATHS	11	8.1	9.1	7	7.5	8.9	4	9.3	9.4
ATTENDANT									
PHYSICIAN IN HOSPITAL	11	100.0	100.0	7	100.0	100.0	4	100.0	100.0
PHYSICIAN NOT IN HOSPITAL	0	0.0	0.0	0	0.0	0.0	0	0.0	0.0
CERTIFIED NURSE MIDWIFE	0	0.0	0.0	0	0.0	0.0	0	0.0	0.0
OTHER ATTENDANT	0	0.0	0.0	0	0.0	0.0	0	0.0	0.0
OUT OF WEDLOCK	4	36.4	35.7	1	14.3	21.1	3	75.0	66.7
10. NEONATAL (UNDER 28 DAYS)	13	9.6	8.3	6	6.5	6.4	7	16.4	12.6
11. POSTNEONATAL (28 DAYS - 1 YEAR)	9	6.7	6.3	6	6.5	5.0	3	7.2	9.0
12. INFANT DEATHS (UNDER 1 YEAR)	22	16.3	14.6	12	13.0	11.4	10	23.5	21.5
DEATHS (EXCLUDING FETALS)									
13. TOTAL	835	9.5	9.3	669	9.6	9.4	166	9.1	8.9
MALES	438	10.5	10.3	355	10.6	10.3	83	9.9	10.2
FEMALES	397	8.6	8.4	314	8.7	8.6	83	8.4	7.8
14. AGE									
00-04 YEARS	25	4.4	3.7	14	3.3	2.8	11	7.6	6.5
05-14 YEARS	8	0.7	0.4	6	0.7	0.5	2	0.6	0.2
15-24 YEARS	13	1.0	1.0	9	0.9	0.9	4	1.2	1.2
25-34 YEARS	14	1.0	1.2	7	0.6	1.0	7	2.3	2.0
35-44 YEARS	37	2.9	2.7	28	2.7	2.1	9	3.6	4.9
45-54 YEARS	47	4.9	5.7	31	3.8	4.9	16	10.1	9.7
55-64 YEARS	112	13.5	13.9	93	13.1	12.7	19	15.9	20.8
65 AND OVER	579	49.7	49.7	481	48.1	48.6	98	59.4	56.2
15. PLACE OF DEATH									
HOSPITAL	573	68.6	65.7	452	67.6	64.2	121	72.9	71.8
OTHER INSTITUTION	111	13.3	15.1	95	14.2	16.6	16	9.6	9.0
HOME OR NON-INSTITUTION	151	18.1	19.2	122	18.2	19.3	29	17.5	19.2
16. OCCURRENCE									
TOTAL	878	1.5	1.5	703	1.6	1.6	175	1.2	1.2
TO RESIDENTS	701	79.8	79.1	558	79.4	77.9	143	81.7	84.7
OTHER EVENTS									
17. MARRIAGES	518	5.9	5.6						
18. DIVORCES AND ANNULMENTS	416	4.7	4.7						

* SEE DEFINITIONS AND FORMULAS (SECTION VII)

SELECTED VITAL STATISTICS FOR 1989 AND 1985-1989

COLUMBUS COUNTY

ITEM	TOTAL			WHITE			NON-WHITE		
	NUMBER 1989	RATE* 1989	RATE* 85-89	NUMBER 1989	RATE* 1989	RATE* 85-89	NUMBER 1989	RATE* 1989	RATE* 85-89
POPULATION									
1. TOTAL	52720	0.8	0.8	35702	0.7	0.7	17018	1.1	1.1
MALES	24943	47.3	47.5	17038	47.7	47.8	7905	46.5	46.9
FEMALES	27777	52.7	52.5	18664	52.3	52.2	9113	53.5	53.1
2. NATURAL INCREASE	225	4.3	3.8	79	2.2	1.4	146	8.6	8.8
LIVE BIRTHS									
3. TOTAL	783	14.9	14.2	426	11.9	11.6	357	21.0	19.6
MALES	436	8.3	7.4	251	7.0	6.1	185	10.9	10.1
FEMALES	347	6.6	6.8	175	4.9	5.5	172	10.1	9.5
4. ATTENDANT									
PHYSICIAN IN HOSPITAL	688	87.9	88.3	378	88.7	91.2	310	86.8	84.8
PHYSICIAN NOT IN HOSPITAL	0	0.0	0.3	0	0.0	0.0	0	0.0	0.7
CERTIFIED NURSE MIDWIFE	94	12.0	11.3	47	11.0	8.7	47	13.2	14.5
OTHER ATTENDANT	1	0.1	0.1	1	0.2	0.1	0	0.0	0.0
5. PREMATURE BIRTHS	65	8.3	8.4	27	6.3	6.2	38	10.6	11.2
6. OUT OF WEDLOCK	281	35.9	32.4	60	14.1	11.7	221	61.9	57.6
7. OCCURRENCE									
TOTAL	673	0.7	0.7	382	0.[illegible]	0.5	291	0.9	0.9
TO RESIDENTS	591	87.8	90.0	327	85.6	87.2	264	90.7	93.5
FETAL & INFANT MORTALITY									
8. PERINATAL DEATHS	19	24.1	17.8	10	23.4	16.0	9	24.9	20.0
9. FETAL DEATHS	6	7.6	9.6	2	4.7	7.3	4	11.1	12.4
ATTENDANT									
PHYSICIAN IN HOSPITAL	6	100.0	94.4	2	100.0	86.7	4	100.0	100.0
PHYSICIAN NOT IN HOSPITAL	0	0.0	0.0	0	0.0	0.0	0	0.0	0.0
CERTIFIED NURSE MIDWIFE	0	0.0	0.0	0	0.0	0.0	0	0.0	0.0
OTHER ATTENDANT	0	0.0	5.6	0	0.0	13.3	0	0.0	0.0
OUT OF WEDLOCK	4	66.7	63.9	0	0.0	33.3	4	100.0	85.7
10. NEONATAL (UNDER 28 DAYS)	13	16.6	8.3	8	18.8	8.8	5	14.0	7.7
11. POSTNEONATAL (28 DAYS - 1 YEAR)	5	6.5	5.1	3	7.2	4.4	2	5.7	6.0
12. INFANT DEATHS (UNDER 1 YEAR)	18	23.0	13.4	11	25.8	13.2	7	19.6	13.7
DEATHS (EXCLUDING FETALS)									
13. TOTAL	558	10.6	10.4	347	9.7	10.2	211	12.4	10.8
MALES	300	12.0	11.7	186	10.9	11.3	114	14.4	12.5
FEMALES	258	9.3	9.2	161	8.6	9.2	97	10.6	9.3
14. AGE									
00-04 YEARS	24	6.5	3.7	13	5.7	3.1	11	7.9	4.6
05-14 YEARS	4	0.5	0.3	1	0.2	0.2	3	1.0	0.5
15-24 YEARS	13	1.7	1.4	7	1.5	1.4	6	2.2	1.4
25-34 YEARS	23	2.8	1.9	10	1.9	1.1	13	4.7	3.3
35-44 YEARS	24	3.1	2.9	9	1.6	2.1	15	6.5	5.2
45-54 YEARS	36	6.2	6.5	22	5.0	6.0	14	9.8	8.2
55-64 YEARS	87	17.5	17.9	61	16.6	17.1	26	20.1	20.1
65 AND OVER	347	50.2	53.5	224	45.5	51.2	123	62.2	59.0
15. PLACE OF DEATH									
HOSPITAL	366	65.6	68.0	224	64.6	68.2	142	67.3	67.4
OTHER INSTITUTION	61	10.[illegible]	11.0	33	9.5	10.8	28	13.3	11.4
HOME OR NON-INSTITUTION	131	23.[illegible]	21.0	90	25.9	20.9	41	19.4	21.1
16. OCCURRENCE									
TOTAL	460	0.8	0.7	282	0.6	0.7	178	1.3	1.1
TO RESIDENTS	397	86.3	88.9	246	87.2	89.3	151	84.8	88.2
OTHER EVENTS									
17. MARRIAGES	241	4.6	4.7						
18. DIVORCES AND ANNULMENTS	241	4.6	4.1						

* SEE DEFINITIONS AND FORMULAS (SECTION VII)

SELECTED VITAL STATISTICS FOR 1989 AND 1985-1989

CRAVEN COUNTY

	TOTAL			WHITE			NONWHITE		
ITEM	NUMBER 1989	RATE* 1989	RATE* 85-89	NUMBER 1989	RATE* 1989	RATE* 85-89	NUMBER 1989	RATE* 1989	RATE* 85-89
POPULATION									
1. TOTAL	82513	1.3	1.3	58207	1.2	1.2	24306	1.5	1.5
MALES	41810	50.7	50.9	30309	52.1	52.2	11501	47.3	47.8
FEMALES	40703	49.3	49.1	27898	47.9	47.8	12805	52.7	52.2
2. NATURAL INCREASE	969	11.7	12.7	618	10.6	12.5	351	14.4	13.4
LIVE BIRTHS									
3. TOTAL	1589	19.3	19.8	1059	18.2	19.5	530	21.8	20.4
MALES	818	9.9	9.9	529	9.1	9.7	289	11.9	10.5
FEMALES	771	9.3	9.8	530	9.1	9.8	241	9.9	9.8
4. ATTENDANT									
PHYSICIAN IN HOSPITAL	1480	93.1	91.4	971	91.7	90.5	509	96.0	93.3
PHYSICIAN NOT IN HOSPITAL	2	0.1	1.0	1	0.1	1.3	1	0.2	0.3
CERTIFIED NURSE MIDWIFE	105	6.6	7.5	87	8.2	8.1	18	3.4	6.1
OTHER ATTENDANT	2	0.1	0.2	0	0.0	0.1	2	0.4	0.2
5. PREMATURE BIRTHS	106	6.7	7.2	51	4.8	5.3	55	10.4	11.5
6. OUT OF WEDLOCK	301	18.9	16.8	87	8.2	7.1	214	40.4	38.8
7. OCCURRENCE									
TOTAL	1929	1.9	2.0	1342	1.9	2.0	587	1.7	1.8
TO RESIDENTS	1468	76.1	77.5	995	74.1	76.7	473	80.6	79.6
FETAL & INFANT MORTALITY									
8. PERINATAL DEATHS	18	11.3	14.1	7	6.6	9.0	11	20.4	25.5
9. FETAL DEATHS	10	6.3	6.6	2	1.9	4.0	8	14.9	12.5
ATTENDANT									
PHYSICIAN IN HOSPITAL	10	100.0	96.2	2	100.0	100.0	8	100.0	93.5
PHYSICIAN NOT IN HOSPITAL	0	0.0	1.9	0	0.0	0.0	0	0.0	3.2
CERTIFIED NURSE MIDWIFE	0	0.0	0.0	0	0.0	0.0	0	0.0	0.0
OTHER ATTENDANT	0	0.0	1.9	0	0.0	0.0	0	0.0	3.2
OUT OF WEDLOCK	6	60.0	32.1	0	0.0	18.2	6	75.0	41.9
. NEONATAL (UNDER 28 DAYS)	8	5.0	7.5	5	4.7	5.1	3	5.7	13.1
11. POSTNEONATAL (28 DAYS - 1 YEAR)	7	4.4	3.9	2	1.9	3.3	5	9.5	5.4
12. INFANT DEATHS (UNDER 1 YEAR)	15	9.4	11.4	7	6.6	8.3	8	15.1	18.4
DEATHS (EXCLUDING FETALS)									
13. TOTAL	620	7.5	7.0	441	7.6	7.0	179	7.4	7.0
MALES	319	7.6	7.2	225	7.4	7.0	94	8.2	7.8
FEMALES	301	7.4	6.8	216	7.7	7.1	85	6.6	6.3
14. AGE									
00-04 YEARS	17	2.3	2.8	8	1.6	2.2	9	3.7	4.2
05-14 YEARS	2	0.2	0.3	1	0.1	0.2	1	0.2	0.4
15-24 YEARS	14	0.9	0.8	8	0.7	0.9	6	1.2	0.7
25-34 YEARS	16	1.1	1.1	10	1.0	0.9	6	1.5	1.5
35-44 YEARS	14	1.3	1.7	7	0.9	1.5	7	2.3	2.1
45-54 YEARS	31	4.4	5.0	19	3.5	4.4	12	7.1	6.7
55-64 YEARS	96	14.7	14.2	69	14.1	13.0	27	16.1	17.6
65 AND OVER	430	54.0	50.5	319	55.3	51.7	111	50.5	47.5
15. PLACE OF DEATH									
HOSPITAL	397	64.0	65.9	278	63.0	65.4	119	66.5	67.1
OTHER INSTITUTION	94	15.2	14.0	70	15.9	14.4	24	13.4	12.8
HOME OR NON-INSTITUTION	129	20.8	20.1	93	21.1	20.1	36	20.1	20.1
16. OCCURRENCE									
TOTAL	721	1.2	1.2	522	1.2	1.1	199	1.4	1.4
TO RESIDENTS	524	72.7	72.0	379	72.6	72.2	145	72.9	71.4
OTHER EVENTS									
17. MARRIAGES	805	9.8	10.1						
18. DIVORCES AND ANNULMENTS	455	5.5	5.8						

* SEE DEFINITIONS AND FORMULAS (SECTION VII)

SELECTED VITAL STATISTICS FOR 1989 AND 1985-1989

CUMBERLAND COUNTY

ITEM	TOTAL			WHITE			NONWHITE		
	NUMBER 1989	RATE* 1989	RATE* 85-89	NUMBER 1989	RATE* 1989	RATE* 85-89	NUMBER 1989	RATE* 1989	RATE* 85-89
POPULATION									
1. TOTAL	263515	4.0	4.0	156534	3.1	3.2	106981	6.7	6.5
MALES	135151	51.3	51.6	81856	52.3	52.4	53295	49.8	50.4
FEMALES	128364	48.7	48.4	74678	47.7	47.6	53686	50.2	49.6
2. NATURAL INCREASE	4166	15.8	15.4	2369	15.1	15.1	1797	16.8	15.9
LIVE BIRTHS									
3. TOTAL	5734	21.8	21.3	3371	21.5	21.4	2363	22.1	21.2
MALES	2940	11.2	10.9	1724	11.0	10.9	1216	11.4	10.9
FEMALES	2794	10.6	10.4	1647	10.5	10.5	1147	10.7	10.3
4. ATTENDANT									
PHYSICIAN IN HOSPITAL	5704	99.5	99.5	3357	99.6	99.5	2347	99.3	99.6
PHYSICIAN NOT IN HOSPITAL	5	0.1	0.1	1	0.0	0.1	4	0.2	0.1
CERTIFIED NURSE MIDWIFE	13	0.2	0.2	12	0.4	0.3	1	0.0	0.0
OTHER ATTENDANT	12	0.2	0.2	1	0.0	0.2	11	0.5	0.3
5. PREMATURE BIRTHS	409	7.1	7.5	153	4.5	5.2	256	10.8	10.9
6. OUT OF WEDLOCK	1252	21.8	19.3	324	9.6	8.3	928	39.3	36.1
7. OCCURRENCE									
TOTAL	6859	6.7	6.6	3891	5.6	5.8	2968	8.8	8.4
TO RESIDENTS	5575	81.3	84.3	3267	84.0	85.7	2308	77.8	82.1
FETAL & INFANT MORTALITY									
8. PERINATAL DEATHS	100	17.3	17.2	34	10.0	12.8	66	27.6	23.9
9. FETAL DEATHS	49	8.5	8.7	18	5.3	6.6	31	12.9	12.0
ATTENDANT									
PHYSICIAN IN HOSPITAL	49	100.0	98.3	18	100.0	100.0	31	100.0	97.0
PHYSICIAN NOT IN HOSPITAL	0	0.0	0.8	0	0.0	0.0	0	0.0	1.5
CERTIFIED NURSE MIDWIFE	0	0.0	0.0	0	0.0	0.0	0	0.0	0.0
OTHER ATTENDANT	0	0.0	0.8	0	0.0	0.0	0	0.0	1.5
OUT OF WEDLOCK	14	28.6	26.9	3	16.7	13.6	11	35.5	37.9
10. NEONATAL (UNDER 28 DAYS)	51	8.9	8.5	16	4.7	6.3	35	14.8	12.0
11. POSTNEONATAL (28 DAYS - 1 YEAR)	19	3.3	4.1	9	2.7	3.6	10	4.3	4.9
12. INFANT DEATHS (UNDER 1 YEAR)	70	12.2	12.6	25	7.4	9.8	45	19.0	16.8
DEATHS (EXCLUDING FETALS)									
13. TOTAL	1568	6.0	5.9	1002	6.4	6.3	566	5.3	5.3
MALES	879	6.5	6.4	540	6.6	6.7	339	6.4	5.9
FEMALES	689	5.4	5.4	462	6.2	6.0	227	4.2	4.7
14. AGE									
00-04 YEARS	82	3.7	3.6	29	2.4	3.0	53	5.5	4.4
05-14 YEARS	12	0.3	0.2	7	0.3	0.2	5	0.3	0.2
15-24 YEARS	61	1.0	1.0	42	1.3	1.3	19	0.7	0.7
25-34 YEARS	89	1.8	1.5	47	1.6	1.2	42	2.0	1.9
35-44 YEARS	80	2.2	2.5	43	2.0	2.1	37	2.6	3.2
45-54 YEARS	132	5.9	6.3	85	5.8	5.6	47	6.2	7.8
55-64 YEARS	255	14.9	16.4	170	13.8	15.0	85	17.6	20.0
65 AND OVER	857	52.7	54.9	579	50.0	53.4	278	59.4	58.3
15. PLACE OF DEATH									
HOSPITAL	1002	63.9	63.5	612	61.1	61.6	390	68.9	66.9
OTHER INSTITUTION	313	20.0	19.5	216	21.6	21.1	97	17.1	16.5
HOME OR NON-INSTITUTION	253	16.1	17.1	174	17.4	17.3	79	14.0	16.6
16. OCCURRENCE									
TOTAL	1838	3.2	3.2	1141	2.6	2.7	697	4.9	5.0
TO RESIDENTS	1350	73.4	71.6	850	74.5	73.3	500	71.7	68.7
OTHER EVENTS									
17. MARRIAGES	1691	6.4	7.1						
18. DIVORCES AND ANNULMENTS	1983	7.5	7.1						

* SEE DEFINITIONS AND FORMULAS (SECTION VII)

SELECTED VITAL STATISTICS FOR 1989 AND 1985-1989

CURRITUCK COUNTY

ITEM	TOTAL NUMBER 1989	TOTAL RATE* 1989	TOTAL RATE* 85-89	WHITE NUMBER 1989	WHITE RATE* 1989	WHITE RATE* 85-89	NONWHITE NUMBER 1989	NONWHITE RATE* 1989	NONWHITE RATE* 85-89
POPULATION									
1. TOTAL	14305	0.2	0.2	12724	0.3	0.2	1581	0.1	0.1
MALES	7297	51.0	51.1	6505	51.1	51.1	792	50.1	50.8
FEMALES	7008	49.0	48.9	6219	48.9	48.9	789	49.9	49.2
2. NATURAL INCREASE	74	5.2	4.5	77	6.1	4.7	-3	-1.9	3.0
LIVE BIRTHS									
3. TOTAL	193	13.5	14.2	175	13.8	14.0	18	11.4	15.8
MALES	105	7.3	7.4	93	7.3	7.2	12	7.6	8.7
FEMALES	88	6.2	6.8	82	6.4	6.7	6	3.8	7.1
4. ATTENDANT									
PHYSICIAN IN HOSPITAL	183	94.8	93.4	165	94.3	92.7	18	100.0	97.7
PHYSICIAN NOT IN HOSPITAL	0	0.0	0.0	0	0.0	0.0	0	0.0	0.0
CERTIFIED NURSE MIDWIFE	9	4.7	6.1	9	5.1	6.8	0	0.0	1.5
OTHER ATTENDANT	1	0.5	0.5	1	0.6	0.5	0	0.0	0.8
5. PREMATURE BIRTHS	13	6.7	6.4	10	5.7	6.0	3	16.7	9.0
6. OUT OF WEDLOCK	37	19.2	17.9	28	16.0	14.2	9	50.0	40.6
7. OCCURRENCE									
TOTAL	0	0.0	0.0	0	0.0	0.0	0	0.0	0.0
TO RESIDENTS	0		80.0	0		75.0	0		100.0
FETAL & INFANT MORTALITY									
8. PERINATAL DEATHS	4	20.5	15.4	3	16.9	13.1	1	55.6	29.9
9. FETAL DEATHS	2	10.3	5.1	2	11.3	4.8	0	0.0	7.5
ATTENDANT									
PHYSICIAN IN HOSPITAL	2	100.0	100.0	2	100.0	100.0	0		100.0
PHYSICIAN NOT IN HOSPITAL	0	0.0	0.0	0	0.0	0.0	0		0.0
CERTIFIED NURSE MIDWIFE	0	0.0	0.0	0	0.0	0.0	0		0.0
OTHER ATTENDANT	0	0.0	0.0	0	0.0	0.0	0		0.0
OUT OF WEDLOCK	0	0.0	0.0	0	0.0	0.0	0		0.0
10. NEONATAL (UNDER 28 DAYS)	2	10.4	10.3	1	5.7	6.4	1	55.6	22.6
11. POSTNEONATAL (28 DAYS - 1 YEAR)	0	0.0	6.3	0	0.0	6.0	0	0.0	7.7
12. INFANT DEATHS (UNDER 1 YEAR)	2	10.4	16.5	1	5.7	14.4	1	55.6	30.1
DEATHS (EXCLUDING FETALS)									
13. TOTAL	119	8.3	9.7	98	7.7	9.3	21	13.3	12.8
MALES	64	8.8	10.6	54	8.3	10.3	10	12.6	12.9
FEMALES	55	7.8	8.8	44	7.1	8.2	11	13.9	12.8
14. AGE									
00-04 YEARS	2	2.0	4.0	1	1.1	3.4	1	8.8	6.0
05-14 YEARS	1	0.5	0.4	1	0.5	0.5	0	0.0	0.0
15-24 YEARS	3	1.4	1.0	1	0.5	0.6	2	8.4	3.8
25-34 YEARS	6	2.6	2.1	4	2.0	1.7	2	7.4	4.6
35-44 YEARS	5	2.5	2.3	5	2.8	2.3	0	0.0	2.1
45-54 YEARS	7	4.6	6.9	6	4.3	6.0	1	7.6	15.0
55-64 YEARS	20	13.8	17.7	17	13.2	16.8	3	19.5	24.0
65 AND OVER	75	43.2	50.1	63	41.8	50.1	12	52.2	50.1
15. PLACE OF DEATH									
HOSPITAL	75	63.0	62.0	66	67.3	63.2	9	42.9	55.6
OTHER INSTITUTION	18	15.1	14.0	10	10.2	13.3	8	38.1	17.6
HOME OR NON-INSTITUTION	26	21.8	24.0	22	22.4	23.4	4	19.0	26.8
16. OCCURRENCE									
TOTAL	49	0.1	0.1	36	0.1	0.1	13	0.1	0.1
TO RESIDENTS	34	69.4	83.7	23	63.9	81.8	11	84.6	91.1
OTHER EVENTS									
17. MARRIAGES	107	7.5	6.4						
18. DIVORCES AND ANNULMENTS	45	3.1	2.9						

* SEE DEFINITIONS AND FORMULAS (SECTION VII)

SELECTED VITAL STATISTICS FOR 1989 AND 1985-1989

DARE COUNTY

ITEM	TOTAL NUMBER 1989	TOTAL RATE* 1989	TOTAL RATE* 85-89	WHITE NUMBER 1989	WHITE RATE* 1989	WHITE RATE* 85-89	NONWHITE NUMBER 1989	NONWHITE RATE* 1989	NONWHITE RATE* 85-89
POPULATION									
1. TOTAL	22789	0.3	0.3	21337	0.4	0.4	1452	0.1	0.1
MALES	11313	49.6	49.6	10650	49.9	49.9	663	45.7	45.9
FEMALES	11476	50.4	50.4	10687	50.1	50.1	789	54.3	54.1
2. NATURAL INCREASE	170	7.5	7.3	168	7.9	7.6	2	1.4	3.1
LIVE BIRTHS									
3. TOTAL	349	15.3	15.3	334	15.7	15.4	15	10.3	12.6
MALES	183	8.0	7.8	175	8.2	8.0	8	5.5	5.7
FEMALES	166	7.3	7.4	159	7.5	7.4	7	4.8	6.9
4. ATTENDANT									
PHYSICIAN IN HOSPITAL	308	88.3	86.4	293	87.7	85.8	15	100.0	97.6
PHYSICIAN NOT IN HOSPITAL	2	0.6	0.5	2	0.6	0.5	0	0.0	1.2
CERTIFIED NURSE MIDWIFE	35	10.0	12.4	35	10.5	13.1	0	0.0	0.0
OTHER ATTENDANT	4	1.1	0.7	4	1.2	0.6	0	0.0	1.2
5. PREMATURE BIRTHS	17	4.9	5.0	13	3.9	4.2	4	26.7	18.3
6. OUT OF WEDLOCK	68	19.5	16.2	62	18.6	13.8	6	40.0	57.3
7. OCCURRENCE									
TOTAL	6	0.0	0.0	6	0.0	0.0	0	0.0	0.0
TO RESIDENTS	6	100.0	95.2	6	100.0	94.7	0		100.0
FETAL & INFANT MORTALITY									
8. PERINATAL DEATHS	3	8.5	9.7	3	8.9	8.9	0	0.0	23.8
9. FETAL DEATHS	3	8.5	7.8	3	8.9	6.9	0	0.0	23.8
ATTENDANT									
PHYSICIAN IN HOSPITAL	3	100.0	91.7	3	100.0	90.0	0		100.0
PHYSICIAN NOT IN HOSPITAL	0	0.0	0.0	0	0.0	0.0	0		0.0
CERTIFIED NURSE MIDWIFE	0	0.0	0.0	0	0.0	0.0	0		0.0
OTHER ATTENDANT	0	0.0	8.3	0	0.0	10.0	0		0.0
OUT OF WEDLOCK	1	33.3	33.3	1	33.3	30.0	0		50.0
10. NEONATAL (UNDER 28 DAYS)	0	0.0	2.0	0	0.0	2.1	0	0.0	0.0
11. POSTNEONATAL (28 DAYS - 1 YEAR)	1	2.9	3.9	0	0.0	2.8	1	66.7	24.4
12. INFANT DEATHS (UNDER 1 YEAR)	1	2.9	5.9	0	0.0	4.8	1	66.7	24.4
DEATHS (EXCLUDING FETALS)									
13. TOTAL	179	7.9	7.9	166	7.8	7.8	13	9.0	9.5
MALES	99	8.8	8.7	89	8.4	8.5	10	15.1	10.7
FEMALES	80	7.0	7.2	77	7.2	7.1	3	3.8	8.5
14. AGE									
00-04 YEARS	1	0.7	2.1	0	0.0	1.9	1	10.6	4.7
05-14 YEARS	0	0.0	0.3	0	0.0	0.4	0	0.0	0.0
15-24 YEARS	7	2.2	1.1	5	1.7	1.0	2	8.4	2.6
25-34 YEARS	6	1.5	1.[illegible]	5	1.4	1.2	1	3.6	1.7
35-44 YEARS	9	2.7	1.8	8	2.6	1.6	1	5.1	2.4
45-54 YEARS	10	4.2	3.1	8	3.6	2.5	2	13.5	10.4
55-64 YEARS	21	8.2	11.1	20	8.2	10.8	1	8.5	16.1
65 AND OVER	125	37.6	39.6	120	38.1	39.0	5	29.4	50.1
15. PLACE OF DEATH									
HOSPITAL	84	46.9	49.9	81	48.8	49.7	3	23.1	53.2
OTHER INSTITUTION	57	31.8	27.5	51	30.7	27.3	6	46.2	30.6
HOME OR NON-INSTITUTION	38	21.2	22.5	34	20.5	23.1	4	30.8	16.1
16. OCCURRENCE									
TOTAL	131	0.2	0.2	110	0.3	0.2	21	0.1	0.1
TO RESIDENTS	87	66.4	62.2	77	70.0	66.1	10	47.6	36.8
OTHER EVENTS									
17. MARRIAGES	377	16.5	15.7						
18. DIVORCES AND ANNULMENTS	115	5.0	4.6						

* SEE DEFINITIONS AND FORMULAS (SECTION VII)

SELECTED VITAL STATISTICS FOR 1989 AND 1985-1989

DAVIDSON COUNTY

ITEM	TOTAL NUMBER 1989	TOTAL RATE* 1989	TOTAL RATE* 85-89	WHITE NUMBER 1989	WHITE RATE* 1989	WHITE RATE* 85-89	NON-WHITE NUMBER 1989	NON-WHITE RATE* 1989	NON-WHITE RATE* 85-89
POPULATION									
1. TOTAL	125632	1.9	1.9	112676	2.3	2.3	12956	0.8	0.8
MALES	60652	48.3	48.4	54597	48.5	48.5	6055	6.7	47.2
FEMALES	64980	51.7	51.6	58079	51.5	51.5	6901	53.3	52.8
2. NATURAL INCREASE	650	5.2	5.2	527	4.7	4.7	123	9.5	9.6
LIVE BIRTHS									
3. TOTAL	1693	13.5	13.3	1458	12.9	12.6	235	18.1	18.1
MALES	868	6.9	6.7	734	6.5	6.4	134	10.3	9.4
FEMALES	825	6.6	6.6	724	6.4	6.3	101	7.8	8.6
4. ATTENDANT									
PHYSICIAN IN HOSPITAL	1657	97.9	98.0	1428	97.9	98.0	229	97.4	98.0
PHYSICIAN NOT IN HOSPITAL	2	0.1	0.0	2	0.1	0.0	0	0.0	0.1
CERTIFIED NURSE MIDWIFE	22	1.3	1.3	18	1.2	1.4	4	1.7	0.7
OTHER ATTENDANT	12	0.7	0.6	10	0.7	0.5	2	0.9	1.2
5. PREMATURE BIRTHS	152	9.0	8.0	116	8.0	7.3	36	15.3	12.2
6. OUT OF WEDLOCK	347	20.5	21.2	208	14.3	14.4	139	59.1	62.4
7. OCCURRENCE									
TOTAL	1084	1.1	1.2	895	1.3	1.4	189	0.6	0.7
TO RESIDENTS	963	88.8	88.6	796	88.9	89.4	167	88.4	85.3
FETAL & INFANT MORTALITY									
8. PERINATAL DEATHS	35	20.4	15.5	29	19.7	13.8	6	25.1	25.6
9. FETAL DEATHS	19	11.1	7.9	15	10.2	6.8	4	16.7	14.5
ATTENDANT									
PHYSICIAN IN HOSPITAL	19	100.0	95.4	15	100.0	97.9	4	100.0	88.2
PHYSICIAN NOT IN HOSPITAL	0	0.0	1.5	0	0.0	0.0	0	0.0	5.9
CERTIFIED NURSE MIDWIFE	0	0.0	1.5	0	0.0	2.1	0	0.0	0.0
OTHER ATTENDANT	0	0.0	1.5	0	0.0	0.0	0	0.0	5.9
OUT OF WEDLOCK	4	21.1	38.5	2	13.3	25.0	2	50.0	76.5
10. NEONATAL (UNDER 28 DAYS)	16	9.5	7.6	14	9.6	7.0	2	8.5	11.3
11. POSTNEONATAL (28 DAYS - 1 YEAR)	4	2.4	3.2	4	2.8	3.3	0	0.0	2.6
12. INFANT DEATHS (UNDER 1 YEAR)	20	11.8	10.8	18	12.3	10.3	2	8.5	13.9
DEATHS (EXCLUDING FETALS)									
13. TOTAL	1043	8.3	8.1	931	8.3	8.1	112	8.6	8.4
MALES	571	9.4	9.2	510	9.3	9.1	61	10.1	10.0
FEMALES	472	7.3	7.1	421	7.2	7.1	51	7.4	7.0
14. AGE									
00-04 YEARS	23	2.9	2.7	21	3.0	2.5	2	1.9	3.4
05-14 YEARS	6	0.4	0.3	5	0.3	0.3	1	0.4	0.3
15-24 YEARS	19	1.0	1.2	15	0.9	1.1	4	1.7	1.7
25-34 YEARS	18	0.9	1.3	17	0.9	1.2	1	0.4	2.0
35-44 YEARS	30	1.6	1.6	22	1.3	1.4	8	4.6	4.4
45-54 YEARS	75	5.2	4.9	63	4.7	4.6	13	11.1	8.7
55-64 YEARS	139	11.4	12.8	122	10.9	12.2	17	18.4	20.0
65 AND OVER	732	48.7	47.3	666	48.0	46.9	66	56.3	52.5
15. PLACE OF DEATH									
HOSPITAL	674	64.6	64.5	589	63.3	63.3	85	75.9	70.2
OTHER INSTITUTION	196	18.8	18.6	179	19.2	18.8	17	15.2	17.1
HOME OR NON-INSTITUTION	173	16.6	16.9	163	17.5	17.4	10	8.9	12.7
16. OCCURRENCE									
TOTAL	730	1.3	1.3	643	1.5	1.5	87	0.6	0.6
TO RESIDENTS	653	89.5	89.6	579	90.0	89.9	74	85.1	87.9
OTHER EVENTS									
17. MARRIAGES	888	7.1	7.6						
18. DIVORCES AND ANNULMENTS	388	3.1	3.3						

* SEE DEFINITIONS AND FORMULAS (SECTION VII)

SELECTED VITAL STATISTICS FOR 1989 AND 1985-1989

DAVIE COUNTY

ITEM	TOTAL			WHITE			NONWHITE		
	NUMBER 1989	RATE* 1989	RATE* 85-89	NUMBER 1989	RATE* 1989	RATE* 85-89	NUMBER 1989	RATE* 1989	RATE* 85-89
POPULATION									
1. TOTAL	27886	0.4	0.4	25229	0.5	0.5	2657	0.2	0.2
MALES	13708	49.2	49.2	12435	49.3	49.3	1273	47.9	48.3
FEMALES	14178	50.8	50.8	12794	50.7	50.7	1384	52.1	51.7
2. NATURAL INCREASE	71	2.5	2.6	61	2.4	2.2	10	3.8	6.8
LIVE BIRTHS									
3. TOTAL	298	10.7	11.0	259	10.3	10.4	39	14.7	16.4
MALES	155	5.6	5.8	137	5.4	5.5	18	6.8	8.6
FEMALES	143	5.1	5.2	122	4.8	4.9	21	7.9	7.9
4. ATTENDANT									
PHYSICIAN IN HOSPITAL	296	99.3	98.6	257	99.2	98.5	39	100.0	99.1
PHYSICIAN NOT IN HOSPITAL	0	0.0	0.1	0	0.0	0.1	0	0.0	0.4
CERTIFIED NURSE MIDWIFE	0	0.0	1.0	0	0.0	1.1	0	0.0	0.4
OTHER ATTENDANT	2	0.7	0.3	2	0.8	0.4	0	0.0	0.0
5. PREMATURE BIRTHS	20	6.7	6.9	12	4.6	5.5	8	20.5	15.0
6. OUT OF WEDLOCK	57	19.1	18.1	36	13.9	11.4	21	53.8	56.6
7. OCCURRENCE									
TOTAL	3	0.0	0.0	3	0.0	0.0	0	0.0	0.0
TO RESIDENTS	3	100.0	90.4	3	100.0	89.4	0		95.0
FETAL & INFANT MORTALITY									
8. PERINATAL DEATHS	2	6.7	13.6	0	0.0	11.4	2	51.3	26.3
9. FETAL DEATHS	0	0.0	7.8	0	0.0	7.6	0	0.0	8.8
ATTENDANT									
PHYSICIAN IN HOSPITAL	0		91.7	0		100.0	0		50.0
PHYSICIAN NOT IN HOSPITAL	0		0.0	0		0.0	0		0.0
CERTIFIED NURSE MIDWIFE	0		0.0	0		0.0	0		0.0
OTHER ATTENDANT	0		8.3	0		0.0	0		50.0
OUT OF WEDLOCK	0		33.3	0		30.0	0		50.0
10. NEONATAL (UNDER 28 DAYS)	2	6.7	5.9	0	0.0	3.8	2	51.3	17.7
11. POSTNEONATAL (28 DAYS - 1 YEAR)	1	3.4	1.3	1	3.9	1.5	0	0.0	0.0
12. INFANT DEATHS (UNDER 1 YEAR)	3	10.1	7.2	1	3.9	5.4	2	51.3	17.7
DEATHS (EXCLUDING FETALS)									
13. TOTAL	227	8.1	8.3	198	7.8	8.2	29	10.9	9.7
MALES	124	9.0	9.3	105	8.4	9.1	19	14.9	11.9
FEMALES	103	7.3	7.4	93	7.3	7.3	10	7.2	7.6
14. AGE									
00-04 YEARS	3	1.7	1.9	1	0.6	1.5	2	12.3	5.7
05-14 YEARS	0	0.0	0.2	0	0.0	0.3	0	0.0	0.0
15-24 YEARS	6	1.5	1.3	4	1.1	1.0	2	4.2	3.4
25-34 YEARS	5	1.1	1.1	4	1.0	1.0	1	2.0	2.0
35-44 YEARS	7	1.6	1.9	5	1.2	1.7	2	5.3	3.9
45-54 YEARS	12	3.6	4.0	11	3.6	3.8	1	3.5	6.4
55-64 YEARS	30	11.4	11.4	28	11.5	11.0	2	9.8	16.2
65 AND OVER	164	52.0	54.3	145	50.3	53.9	19	69.9	56.6
15. PLACE OF DEATH									
HOSPITAL	136	59.9	66.3	121	61.1	66.0	15	51.7	69.2
OTHER INSTITUTION	42	18.5	16.6	35	17.7	16.5	7	24.1	17.3
HOME OR NON-INSTITUTION	49	21.6	17.1	42	21.2	17.5	7	24.1	13.5
16. OCCURRENCE									
TOTAL	137	0.2	0.3	120	0.3	0.3	17	0.1	0.1
TO RESIDENTS	113	82.5	86.9	97	80.8	86.3	16	94.1	92.2
OTHER EVENTS									
17. MARRIAGES	217	7.8	7.3						
18. DIVORCES AND ANNULMENTS	89	3.2	2.8						

* SEE DEFINITIONS AND FORMULAS (SECTION VII)

SELECTED VITAL STATISTICS FOR 1989 AND 1985-1989

DUPLIN COUNTY

ITEM	TOTAL			WHITE			NONWHITE		
	NUMBER 1989	RATE* 1989	RATE* 85-89	NUMBER 1989	RATE* 1989	RATE* 85-89	NUMBER 1989	RATE* 1989	RATE* 85-89
POPULATION									
1. TOTAL	42084	0.6	0.7	27939	0.6	0.6	14145	0.9	0.9
MALES	19921	47.3	47.5	13512	48.4	48.4	6409	45.3	45.8
FEMALES	22163	52.7	52.5	14427	51.6	51.6	7736	54.7	54.2
2. NATURAL INCREASE	175	4.2	3.3	48	1.7	1.7	127	9.0	6.4
LIVE BIRTHS									
3. TOTAL	613	14.6	13.9	334	12.0	12.0	279	19.7	17.6
MALES	317	7.5	7.2	162	5.8	6.3	155	11.0	9.1
FEMALES	296	7.0	6.7	172	6.2	5.8	124	8.8	8.4
4. ATTENDANT									
PHYSICIAN IN HOSPITAL	606	98.9	99.4	330	98.8	99.6	276	98.9	99.0
PHYSICIAN NOT IN HOSPITAL	0	0.0	0.2	0	0.0	0.1	0	0.0	0.5
CERTIFIED NURSE MIDWIFE	5	0.8	0.3	2	0.6	0.2	3	1.1	0.5
OTHER ATTENDANT	2	0.3	0.1	2	0.6	0.1	0	0.0	0.0
5. PREMATURE BIRTHS	57	9.3	8.4	19	5.7	6.0	38	13.6	11.7
6. OUT OF WEDLOCK	201	32.8	30.0	32	9.6	9.5	169	60.6	57.0
7. OCCURRENCE									
TOTAL	399	0.4	0.4	195	0.3	0.3	204	0.6	0.6
TO RESIDENTS	370	92.7	92.3	175	89.7	89.3	195	95.6	95.2
FETAL & INFANT MORTALITY									
8. PERINATAL DEATHS	10	16.2	21.1	2	6.0	13.8	8	28.4	30.5
9. FETAL DEATHS	3	4.9	13.2	0	0.0	6.4	3	10.6	19.6
ATTENDANT									
PHYSICIAN IN HOSPITAL	3	100.0	94.9	0		100.0	3	100.0	92.0
PHYSICIAN NOT IN HOSPITAL	0	0.0	2.6	0		0.0	0	0.0	4.0
CERTIFIED NURSE MIDWIFE	0	0.0	0.0	0		0.0	0	0.0	0.0
OTHER ATTENDANT	0	0.0	2.6	0		0.0	0	0.0	4.0
OUT OF WEDLOCK	2	66.7	53.8	0		14.3	2	66.7	76.0
10. NEONATAL (UNDER 28 DAYS)	7	11.4	7.9	2	6.0	5.4	5	17.9	11.2
11. POSTNEONATAL (28 DAYS - 1 YEAR)	1	1.7	5.2	1	3.0	2.4	0	0.0	8.9
12. INFANT DEATHS (UNDER 1 YEAR)	8	13.1	13.1	3	9.0	7.9	5	17.9	20.0
DEATHS (EXCLUDING FETALS)									
13. TOTAL	438	10.4	10.6	286	10.2	10.4	152	10.7	11.2
MALES	253	12.7	12.3	164	12.1	12.0	89	13.9	13.0
FEMALES	185	8.3	9.1	122	8.5	6.9	63	8.1	9.6
14. AGE									
00-04 YEARS	10	3.5	3.2	4	2.3	1.8	6	5.4	5.4
05-14 YEARS	4	0.6	0.5	2	0.5	0.4	2	0.8	0.6
15-24 YEARS	10	1.6	1.3	7	1.6	1.2	3	1.3	1.3
25-34 YEARS	12	1.9	1.5	8	1.9	1.3	4	1.9	2.0
35-44 YEARS	16	2.7	2.5	8	1.9	1.8	8	4.4	4.1
45-54 YEARS	29	6.5	6.7	22	6.7	5.6	7	5.9	9.7
55-64 YEARS	61	14.7	15.7	41	14.1	14.3	20	16.2	19.0
65 AND OVER	296	50.6	54.3	194	47.5	52.2	102	57.6	59.0
15. PLACE OF DEATH									
HOSPITAL	277	63.2	61.7	186	65.0	61.5	91	59.9	62.2
OTHER INSTITUTION	86	19.6	16.4	53	18.5	15.7	33	21.7	17.7
HOME OR NON-INSTITUTION	75	17.1	21.8	47	16.4	22.8	28	18.4	20.1
16. OCCURRENCE									
TOTAL	279	0.5	0.5	179	0.4	0.4	100	0.7	0.7
TO RESIDENTS	246	88.2	90.7	155	86.6	89.8	91	91.0	92.3
OTHER EVENTS									
17. MARRIAGES	259	6.2	7.0						
18. DIVORCES AND ANNULMENTS	113	2.7	2.9						

* SEE DEFINITIONS AND FORMULAS (SECTION VII)

SELECTED VITAL STATISTICS FOR 1989 AND 1985-1989

DURHAM COUNTY

	TOTAL			WHITE			NONWHITE		
ITEM	NUMBER 1989	RATE* 1989	RATE* 85-89	NUMBER 1989	RATE* 1989	RATE* 85-89	NUMBER 1989	RATE* 1989	RATE* 85-89
POPULATION									
1. TOTAL	174536	2.7	2.6	104608	2.1	2.1	69928	4.4	4.3
MALES	80656	46.2	46.4	49508	47.3	47.4	31148	44.5	44.8
FEMALES	93880	53.8	53.6	55100	52.7	52.6	38780	55.5	55.2
2. NATURAL INCREASE	1611	9.2	7.4	605	5.8	5.1	1006	14.4	11.0
LIVE BIRTHS									
3. TOTAL	3103	17.8	16.0	1497	14.3	13.8	1606	23.0	19.3
MALES	1598	9.2	8.2	793	7.6	7.1	805	11.5	9.8
FEMALES	1505	8.6	7.8	704	6.7	6.7	801	11.5	9.4
4. ATTENDANT									
PHYSICIAN IN HOSPITAL	2970	95.7	94.9	1380	92.2	91.2	1590	99.0	98.9
PHYSICIAN NOT IN HOSPITAL	6	0.2	0.1	1	0.1	0.1	5	0.3	0.2
CERTIFIED NURSE MIDWIFE	125	4.0	4.8	114	7.6	8.5	11	0.7	0.9
OTHER ATTENDANT	2	0.1	0.1	2	0.1	0.2	0	0.0	0.0
5. PREMATURE BIRTHS	302	9.7	9.1	79	5.3	5.1	223	13.9	13.4
6. OUT OF WEDLOCK	1082	34.9	31.1	131	8.8	7.9	951	59.2	56.1
7. OCCURRENCE									
TOTAL	5035	4.9	4.7	2721	3.9	3.9	2314	6.9	6.5
TO RESIDENTS	2925	58.1	56.6	1378	50.6	51.4	1547	66.9	63.3
FETAL & INFANT MORTALITY									
8. PERINATAL DEATHS	66	21.0	18.3	23	15.2	12.4	43	26.5	24.8
9. FETAL DEATHS	33	10.5	9.4	14	9.3	6.7	19	11.7	12.4
ATTENDANT									
PHYSICIAN IN HOSPITAL	33	100.0	97.7	14	100.0	97.9	19	100.0	97.5
PHYSICIAN NOT IN HOSPITAL	0	0.0	0.0	0	0.0	0.0	0	0.0	0.0
CERTIFIED NURSE MIDWIFE	0	0.0	0.8	0	0.0	2.1	0	0.0	0.0
OTHER ATTENDANT	0	0.0	1.6	0	0.0	0.0	0	0.0	2.5
OUT OF WEDLOCK	11	33.3	38.3	0	0.0	10.6	11	57.9	54.3
10. NEONATAL (UNDER 28 DAYS)	33	10.6	9.0	9	6.0	5.7	24	14.9	12.5
11. POSTNEONATAL (28 DAYS - 1 YEAR)	9	2.9	3.1	3	2.0	2.0	6	3.8	4.4
12. INFANT DEATHS (UNDER 1 YEAR)	42	13.5	12.1	12	8.0	7.7	30	18.7	16.9
DEATHS (EXCLUDING FETALS)									
13. TOTAL	1492	8.5	8.5	892	8.5	8.7	600	8.6	8.3
MALES	769	9.5	9.4	448	9.0	9.1	321	10.3	9.9
FEMALES	723	7.7	7.8	444	8.1	8.4	279	7.2	7.0
14. AGE									
00-04 YEARS	45	3.9	3.3	13	2.2	2.2	32	5.9	4.5
05-14 YEARS	4	0.2	0.2	1	0.1	0.2	3	0.3	0.2
15-24 YEARS	15	0.5	0.6	6	0.3	0.5	9	0.6	0.7
25-34 YEARS	37	1.1	1.1	9	0.4	0.6	28	2.1	1.9
35-44 YEARS	77	3.3	2.8	32	2.2	1.8	45	4.8	4.4
45-54 YEARS	98	5.9	5.9	41	3.7	4.2	57	10.2	9.3
55-64 YEARS	192	13.9	14.1	111	11.8	12.0	81	18.4	18.7
65 AND OVER	1024	49.5	51.3	679	47.5	49.9	345	54.0	54.4
15. PLACE OF DEATH									
HOSPITAL	860	57.6	58.2	480	53.8	54.6	380	63.3	63.9
OTHER INSTITUTION	300	20.1	20.5	219	24.6	24.0	81	13.5	14.9
HOME OR NON-INSTITUTION	332	22.3	21.3	193	21.6	21.5	139	23.2	21.1
16. OCCURRENCE									
TOTAL	2875	5.0	5.0	1904	4.4	4.4	971	6.6	6.8
TO RESIDENTS	1389	48.3	48.1	822	43.2	44.0	567	58.4	56.3
OTHER EVENTS									
17. MARRIAGES	1429	8.2	8.2						
18. DIVORCES AND ANNULMENTS	882	5.1	5.2						

* SEE DEFINITIONS AND FORMULAS (SECTION VII)

SELECTED VITAL STATISTICS FOR 1989 AND 1985-1989

EDGECOMBE COUNTY

ITEM	TOTAL			WHITE			NONWHITE		
	NUMBER 1989	RATE* 1989	RATE* 85-89	NUMBER 1989	RATE* 1989	RATE* 85-89	NUMBER 1989	RATE* 1989	RATE* 85-89
POPULATION									
1. TOTAL	59274	0.9	0.9	27863	0.6	0.6	31411	2.0	2.0
MALES	27049	45.6	45.9	13180	47.3	47.4	13869	44.2	44.6
FEMALES	32225	54.4	54.1	14683	52.7	52.6	17542	55.8	55.4
2. NATURAL INCREASE	400	6.7	5.6	11	0.4	1.2	389	12.4	9.5
LIVE BIRTHS									
3. TOTAL	986	16.6	15.4	323	11.6	11.3	663	21.1	19.0
MALES	502	8.5	7.8	174	6.2	5.9	328	10.4	9.6
FEMALES	484	8.2	7.6	149	5.3	5.5	335	10.7	9.4
4. ATTENDANT									
PHYSICIAN IN HOSPITAL	984	99.8	99.7	322	99.7	99.7	662	99.8	99.6
PHYSICIAN NOT IN HOSPITAL	1	0.1	0.2	1	0.3	0.1	0	0.0	0.3
CERTIFIED NURSE MIDWIFE	0	0.0	0.0	0	0.0	0.1	0	0.0	0.0
OTHER ATTENDANT	1	0.1	0.0	0	0.0	0.0	1	0.2	0.1
5. PREMATURE BIRTHS	128	13.0	11.2	24	7.4	6.2	104	15.7	13.8
6. OUT OF WEDLOCK	482	48.9	46.6	48	14.9	12.2	434	65.5	64.9
7. OCCURRENCE									
TOTAL	769	0.7	0.5	247	0.4	0.2	522	1.5	1.1
TO RESIDENTS	715	93.0	91.9	212	85.8	88.0	503	96.4	93.7
FETAL & INFANT MORTALITY									
8. PERINATAL DEATHS	28	28.0	21.7	8	24.3	13.8	20	29.8	26.0
9. FETAL DEATHS	15	15.0	10.4	6	18.2	9.4	9	13.4	11.0
ATTENDANT									
PHYSICIAN IN HOSPITAL	15	100.0	97.9	6	100.0	100.0	9	100.0	97.0
PHYSICIAN NOT IN HOSPITAL	0	0.0	0.0	0	0.0	0.0	0	0.0	0.0
CERTIFIED NURSE MIDWIFE	0	0.0	0.0	0	0.0	0.0	0	0.0	0.0
OTHER ATTENDANT	0	0.0	2.1	0	0.0	0.0	0	0.0	3.0
OUT OF WEDLOCK	8	53.3	56.3	2	33.3	20.0	6	66.7	72.7
10. NEONATAL (UNDER 28 DAYS)	13	13.2	11.4	2	6.2	4.4	11	16.6	15.1
11. POSTNEONATAL (28 DAYS - 1 YEAR)	3	3.1	5.3	2	6.2	5.7	1	1.5	5.1
12. INFANT DEATHS (UNDER 1 YEAR)	16	16.2	16.7	4	12.4	10.1	12	18.1	20.2
DEATHS (EXCLUDING FETALS)									
13. TOTAL	586	9.9	9.8	312	11.2	10.1	274	8.7	9.5
MALES	302	11.2	11.4	157	11.9	11.0	145	10.5	11.9
FEMALES	284	8.8	8.4	155	10.6	9.4	129	7.4	7.6
14. AGE									
00-04 YEARS	17	3.9	3.7	5	2.9	2.3	12	4.5	4.6
05-14 YEARS	3	0.3	0.4	1	0.3	0.2	2	0.4	0.5
15-24 YEARS	9	1.0	1.1	3	0.8	1.0	6	1.1	1.2
25-34 YEARS	20	2.0	1.7	6	1.3	1.1	14	2.5	2.2
35-44 YEARS	29	3.3	3.4	8	1.9	1.8	21	4.7	5.1
45-54 YEARS	43	7.6	7.0	14	4.3	4.0	29	12.1	11.0
55-64 YEARS	72	13.8	16.2	38	12.5	13.0	34	15.7	20.5
65 AND OVER	393	54.1	54.1	237	57.8	52.7	156	49.4	55.9
15. PLACE OF DEATH									
HOSPITAL	383	65.4	67.5	202	64.7	66.5	181	66.1	68.5
OTHER INSTITUTION	95	16.2	14.8	56	17.9	17.2	39	14.2	12.5
HOME OR NON-INSTITUTION	106	18.4	17.7	54	17.3	16.3	54	19.7	19.0
16. OCCURRENCE									
TOTAL	388	0.7	0.7	197	0.5	0.5	191	1.3	1.4
TO RESIDENTS	330	85.1	84.7	174	88.3	83.9	156	81.7	85.4
OTHER EVENTS									
17. MARRIAGES	414	7.0	7.3						
18. DIVORCES AND ANNULMENTS	232	3.9	3.7						

* SEE DEFINITIONS AND FORMULAS (SECTION VII)

SELECTED VITAL STATISTICS FOR 1989 AND 1985-1989

FORSYTH COUNTY

ITEM	TOTAL			WHITE			NONWHITE		
	NUMBER 1989	RATE* 1989	RATE* 85-89	NUMBER 1989	RATE* 1989	RATE* 85-89	NUMBER 1989	RATE* 1989	RATE* 85-89
POPULATION									
1. TOTAL	266721	4.1	4.1	196293	3.9	4.0	70428	4.4	4.4
MALES	124886	46.8	46.9	93136	47.4	47.5	31750	45.1	45.4
FEMALES	141835	53.2	53.1	103157	52.6	52.5	38678	54.9	54.6
2. NATURAL INCREASE	1593	6.0	5.1	879	4.5	3.8	714	10.1	8.9
LIVE BIRTHS									
3. TOTAL	3996	15.0	14.0	2611	13.3	12.5	1385	19.7	18.2
MALES	2044	7.7	7.1	1341	6.8	6.4	703	10.0	9.3
FEMALES	1952	7.3	6.8	1270	6.5	6.1	682	9.7	8.9
4. ATTENDANT									
PHYSICIAN IN HOSPITAL	3944	98.7	98.8	2563	98.2	98.4	1381	99.7	99.7
PHYSICIAN NOT IN HOSPITAL	1	0.0	0.0	0	0.0	0.0	1	0.1	0.0
CERTIFIED NURSE MIDWIFE	49	1.2	1.1	47	1.8	1.5	2	0.1	0.2
OTHER ATTENDANT	2	0.1	0.0	1	0.0	0.1	1	0.1	0.0
5. PREMATURE BIRTHS	373	9.3	8.7	162	6.2	6.1	211	15.2	13.7
6. OUT OF WEDLOCK	1216	30.4	27.4	317	12.1	9.2	899	64.9	62.5
7. OCCURRENCE									
TOTAL	5656	5.5	5.5	4077	5.9	5.8	1579	4.7	4.7
TO RESIDENTS	3739	66.1	66.4	2376	58.3	58.7	1363	86.3	86.6
FETAL & INFANT MORTALITY									
8. PERINATAL DEATHS	66	16.4	16.2	40	15.2	13.3	26	18.6	21.7
9. FETAL DEATHS	31	7.7	7.3	20	7.6	5.9	11	7.9	9.9
ATTENDANT									
PHYSICIAN IN HOSPITAL	30	96.8	97.8	19	95.0	98.6	11	100.0	96.8
PHYSICIAN NOT IN HOSPITAL	0	0.0	0.7	0	0.0	0.0	0	0.0	1.6
CERTIFIED NURSE MIDWIFE	0	0.0	0.0	0	0.0	0.0	0	0.0	0.0
OTHER ATTENDANT	1	3.2	1.5	1	5.0	1.4	0	0.0	1.6
OUT OF WEDLOCK	10	32.3	37.0	2	10.0	5.6	8	72.7	73.0
10. NEONATAL (UNDER 28 DAYS)	35	8.8	9.0	20	7.7	7.4	15	10.8	11.9
11. POSTNEONATAL (28 DAYS - 1 YEAR)	19	4.8	4.4	8	3.1	2.5	11	8.0	8.2
12. INFANT DEATHS (UNDER 1 YEAR)	54	13.5	13.3	28	10.7	9.9	26	18.8	20.0
DEATHS (EXCLUDING FETALS)									
13. TOTAL	2403	9.0	8.9	1732	8.8	8.7	671	9.5	9.2
MALES	1195	9.6	9.7	858	9.2	9.4	337	10.6	10.5
FEMALES	1208	8.5	8.2	874	8.5	8.2	334	8.6	8.2
14. AGE									
00-04 YEARS	62	3.9	3.5	35	3.3	2.8	27	5.0	4.9
05-14 YEARS	13	0.4	0.3	8	0.4	0.3	5	0.4	0.2
15-24 YEARS	32	0.8	1.0	21	0.8	0.9	11	0.8	1.0
25-34 YEARS	62	1.3	1.2	28	0.8	0.9	34	2.6	1.9
35-44 YEARS	92	2.2	2.3	46	1.5	1.7	46	4.6	4.3
45-54 YEARS	170	5.8	5.5	106	4.6	4.4	64	10.7	9.5
55-64 YEARS	333	12.7	13.2	222	10.3	11.5	111	23.4	21.3
65 AND OVER	1639	48.8	50.0	1266	46.4	47.5	373	59.0	60.2
15. PLACE OF DEATH									
HOSPITAL	1549	64.5	64.2	1080	62.4	62.1	469	69.9	69.8
OTHER INSTITUTION	403	16.8	16.4	327	18.9	18.4	76	11.3	11.0
HOME OR NON-INSTITUTION	451	18.8	19.4	325	18.8	19.5	126	18.8	19.2
16. OCCURRENCE									
TOTAL	3666	6.3	6.2	2847	6.5	6.5	819	5.8	5.5
TO RESIDENTS	2246	61.3	62.3	1606	56.4	57.4	640	78.1	80.4
OTHER EVENTS									
17. MARRIAGES	2354	8.8	9.0						
18. DIVORCES AND ANNULMENTS	1646	6.2	6.5						

* SEE DEFINITIONS AND FORMULAS (SECTION VII)

SELECTED VITAL STATISTICS FOR 1989 AND 1985-1989

FRANKLIN COUNTY

ITEM	TOTAL NUMBER 1989	TOTAL RATE* 1989	TOTAL RATE* 85-89	WHITE NUMBER 1989	WHITE RATE* 1989	WHITE RATE* 85-89	NON-WHITE NUMBER 1989	NON-WHITE RATE* 1989	NON-WHITE RATE* 85-89
POPULATION									
1. TOTAL	36001	0.5	0.5	21715	0.4	0.4	14286	0.9	0.9
MALES	17080	47.4	47.7	10580	48.7	48.8	6500	45.5	46.0
FEMALES	18921	52.6	52.3	11135	51.3	51.2	7786	54.5	54.0
2. NATURAL INCREASE	158	4.4	4.1	45	2.1	2.5	113	7.9	6.5
LIVE BIRTHS									
3. TOTAL	503	14.0	13.6	265	12.2	12.4	238	16.7	15.4
MALES	247	6.9	6.7	139	6.4	6.1	108	7.6	7.6
FEMALES	256	7.1	6.9	126	5.8	6.3	130	9.1	7.8
4. ATTENDANT									
PHYSICIAN IN HOSPITAL	494	98.2	98.6	257	97.0	98.1	237	99.6	99.3
PHYSICIAN NOT IN HOSPITAL	0	0.0	0.2	0	0.0	0.1	0	0.0	0.3
CERTIFIED NURSE MIDWIFE	9	1.8	1.0	8	3.0	1.7	1	0.4	0.1
OTHER ATTENDANT	0	0.0	0.2	0	0.0	0.1	0	0.0	0.4
5. PREMATURE BIRTHS	43	8.5	7.7	13	4.9	5.7	30	12.6	10.2
6. OUT OF WEDLOCK	184	36.6	31.1	38	14.3	9.5	146	61.3	57.0
7. OCCURRENCE									
TOTAL	4	0.0	0.0	0	0.0	0.0	4	0.0	0.0
TO RESIDENTS	4	100.0	92.6	0		94.7	4	100.0	91.1
FETAL & INFANT MORTALITY									
8. PERINATAL DEATHS	15	29.3	22.2	1	3.8	12.4	14	56.9	33.8
9. FETAL DEATHS	9	17.6	12.1	1	3.8	5.4	8	32.5	20.1
ATTENDANT									
PHYSICIAN IN HOSPITAL	9	100.0	100.0	1	100.0	100.0	8	100.0	100.0
PHYSICIAN NOT IN HOSPITAL	0	0.0	0.0	0	0.0	0.0	0	0.0	0.0
CERTIFIED NURSE MIDWIFE	0	0.0	0.0	0	0.0	0.0	0	0.0	0.0
OTHER ATTENDANT	0	0.0	0.0	0	0.0	0.0	0	0.0	0.0
OUT OF WEDLOCK	5	55.6	51.7	0	0.0	14.3	5	62.5	63.6
10. NEONATAL (UNDER 28 DAYS)	6	11.9	10.2	0	0.0	7.0	6	25.2	14.0
11. POSTNEONATAL (28 DAYS - 1 YEAR)	3	6.0	5.1	1	3.8	3.1	2	8.6	7.6
12. INFANT DEATHS (UNDER 1 YEAR)	9	17.9	15.2	1	3.8	10.1	8	33.6	21.4
DEATHS (EXCLUDING FETALS)									
13. TOTAL	345	9.6	9.5	220	10.1	9.9	125	8.7	8.9
MALES	175	10.2	10.7	105	9.9	10.7	70	10.8	10.8
FEMALES	170	9.0	8.5	115	10.3	9.3	55	7.1	7.3
14. AGE									
00-04 YEARS	11	4.7	3.6	1	0.8	2.3	10	9.5	5.0
05-14 YEARS	0	0.0	0.3	0	0.0	0.1	0	0.0	0.5
15-24 YEARS	6	1.1	1.4	4	1.3	1.5	2	0.8	1.3
25-34 YEARS	8	1.4	1.4	2	0.6	1.0	6	2.6	2.0
35-44 YEARS	16	3.1	2.6	4	1.3	1.4	12	5.8	4.6
45-54 YEARS	26	7.0	6.2	22	8.9	5.5	4	3.2	7.5
55-64 YEARS	48	13.9	13.5	33	14.3	12.6	15	13.1	15.2
65 AND OVER	230	42.8	44.9	154	41.7	43.7	76	45.2	47.4
15. PLACE OF DEATH									
HOSPITAL	234	67.8	64.9	153	69.5	67.5	81	64.8	60.5
OTHER INSTITUTION	47	13.6	15.1	24	10.9	14.5	23	18.4	16.1
HOME OR NON-INSTITUTION	64	18.6	20.0	43	19.5	17.9	21	16.8	23.4
16. OCCURRENCE									
TOTAL	225	0.4	0.4	153	0.4	0.3	72	0.5	0.6
TO RESIDENTS	201	89.3	89.8	137	89.5	89.3	64	88.9	90.6
OTHER EVENTS									
17. MARRIAGES	270	7.5	7.8						
18. DIVORCES AND ANNULMENTS	103	2.9	3.4						

* SEE DEFINITIONS AND FORMULAS (SECTION VII)

SELECTED VITAL STATISTICS FOR 1989 AND 1985-1989

GASTON COUNTY

ITEM	TOTAL			WHITE			NONWHITE		
	NUMBER 1989	RATE* 1989	RATE* 85-89	NUMBER 1989	RATE* 1989	RATE* 85-89	NUMBER 1989	RATE* 1989	RATE* 85-89
POPULATION									
1. TOTAL	174227	2.7	2.7	151945	3.1	3.1	22282	1.4	1.4
MALES	82602	47.4	47.5	72577	47.8	47.8	10025	45.0	45.3
FEMALES	91625	52.6	52.5	79368	52.2	52.2	12257	55.0	54.7
2. NATURAL INCREASE	1053	6.0	5.6	685	4.5	4.5	368	16.5	12.4
LIVE BIRTHS									
3. TOTAL	2722	15.6	14.8	2115	13.9	13.6	607	27.2	22.3
MALES	1376	7.9	7.5	1083	7.1	7.0	293	13.1	11.0
FEMALES	1346	7.7	7.3	1032	6.8	6.6	314	14.1	11.3
4. ATTENDANT									
PHYSICIAN IN HOSPITAL	2701	99.2	98.7	2100	99.3	98.9	601	99.0	98.1
PHYSICIAN NOT IN HOSPITAL	4	0.1	0.1	1	0.0	0.1	3	0.5	0.4
CERTIFIED NURSE MIDWIFE	12	0.4	0.9	11	0.5	0.9	1	0.2	1.1
OTHER ATTENDANT	5	0.2	0.2	3	0.1	0.1	2	0.3	0.4
5. PREMATURE BIRTHS	235	8.6	8.1	145	6.9	6.8	90	14.8	13.3
6. OUT OF WEDLOCK	804	29.5	26.1	388	18.3	16.6	416	68.5	65.3
7. OCCURRENCE									
TOTAL	2168	2.1	2.2	1652	2.4	2.5	516	1.5	1.4
TO RESIDENTS	1890	87.2	87.5	1410	85.4	86.3	480	93.0	92.1
FETAL & INFANT MORTALITY									
8. PERINATAL DEATHS	37	13.5	17.8	25	11.7	16.4	12	19.6	23.4
9. FETAL DEATHS	22	8.0	9.4	16	7.5	9.0	6	9.8	11.1
ATTENDANT									
PHYSICIAN IN HOSPITAL	21	95.5	95.9	15	93.8	97.8	6	100.0	89.3
PHYSICIAN NOT IN HOSPITAL	0	0.0	0.8	0	0.0	0.0	0	0.0	3.6
CERTIFIED NURSE MIDWIFE	0	0.0	0.0	0	0.0	0.0	0	0.0	0.0
OTHER ATTENDANT	1	4.5	3.3	1	6.3	2.2	0	0.0	7.1
OUT OF WEDLOCK	10	45.5	28.1	4	25.0	14.0	6	100.0	75.0
10. NEONATAL (UNDER 28 DAYS)	15	5.5	8.5	9	4.3	7.5	6	9.9	12.5
11. POSTNEONATAL (28 DAYS - 1 YEAR)	8	3.0	3.9	6	2.8	3.6	2	3.3	4.9
12. INFANT DEATHS (UNDER 1 YEAR)	23	8.4	12.3	15	7.1	11.1	8	13.2	17.3
DEATHS (EXCLUDING FETALS)									
13. TOTAL	1669	9.6	9.2	1430	9.4	9.1	239	10.7	9.9
MALES	894	10.8	10.3	766	10.6	10.0	128	12.8	12.1
FEMALES	775	8.5	8.2	664	8.4	8.2	111	9.1	8.0
14. AGE									
00-04 YEARS	34	2.9	3.2	24	2.5	2.9	10	5.4	5.1
05-14 YEARS	8	0.3	0.3	6	0.3	0.3	2	0.5	0.4
15-24 YEARS	44	1.6	1.2	35	1.5	1.2	9	2.2	1.2
25-34 YEARS	49	1.7	1.4	39	1.6	1.3	10	2.5	2.0
35-44 YEARS	60	2.3	2.4	50	2.2	2.1	10	3.2	5.1
45-54 YEARS	107	5.6	6.1	97	5.6	5.6	10	5.5	11.3
55-64 YEARS	249	14.7	14.6	212	13.7	13.9	37	26.0	22.2
65 AND OVER	1118	52.0	51.4	967	49.9	50.3	151	71.1	60.9
15. PLACE OF DEATH									
HOSPITAL	1064	63.8	63.5	893	62.4	62.9	171	71.5	66.8
OTHER INSTITUTION	241	14.4	14.5	222	15.5	14.9	19	7.9	11.9
HOME OR NON-INSTITUTION	364	21.8	22.0	315	22.0	22.1	49	20.5	21.3
16. OCCURRENCE									
TOTAL	1372	2.4	2.3	1172	2.7	2.6	200	1.4	1.3
TO RESIDENTS	1262	92.0	92.2	1074	91.6	92.2	188	94.0	92.1
OTHER EVENTS									
17. MARRIAGES	1022	5.9	5.4						
18. DIVORCES AND ANNULMENTS	1075	6.2	6.6						

* SEE DEFINITIONS AND FORMULAS (SECTION VII)

SELECTED VITAL STATISTICS FOR 1989 AND 1985-1989

GATES COUNTY

ITEM	TOTAL			WHITE			NONWHITE		
	NUMBER 1989	RATE* 1989	RATE* 85-89	NUMBER 1989	RATE* 1989	RATE* 85-89	NUMBER 1989	RATE* 1989	RATE* 85-89
POPULATION									
1. TOTAL	9901	0.2	0.2	4840	0.1	0.1	5061	0.3	0.3
MALES	4899	49.5	49.7	2410	49.8	49.7	2489	49.2	49.7
FEMALES	5002	50.5	50.3	2430	50.2	50.3	2572	50.8	50.3
2. NATURAL INCREASE	32	3.2	2.4	-12	-2.5	0.2	44	8.7	4.5
LIVE BIRTHS									
3. TOTAL	135	13.6	13.6	52	10.7	13.4	83	16.4	13.8
MALES	64	6.5	6.9	29	6.0	7.3	35	6.9	6.4
FEMALES	71	7.2	6.7	23	4.8	6.1	48	9.5	7.4
4. ATTENDANT									
PHYSICIAN IN HOSPITAL	132	97.8	97.4	50	96.2	95.5	82	98.8	99.1
PHYSICIAN NOT IN HOSPITAL	0	0.0	0.5	0	0.0	0.6	0	0.0	0.3
CERTIFIED NURSE MIDWIFE	2	1.5	2.0	2	3.8	3.8	0	0.0	0.3
OTHER ATTENDANT	1	0.7	0.2	0	0.0	0.0	1	1.2	0.3
5. PREMATURE BIRTHS	10	7.4	8.2	0	0.0	4.5	10	12.0	11.6
6. OUT OF WEDLOCK	41	30.4	27.2	2	3.8	6.1	39	47.0	46.4
7. OCCURRENCE									
TOTAL	1	0.0	0.0	0	0.0	0.0	1	0.0	0.0
TO RESIDENTS	1	100.0	100.0	0		100.0	1	100.0	100.0
FETAL & INFANT MORTALITY									
8. PERINATAL DEATHS	2	14.7	24.0	0	0.0	19.1	2	23.8	28.4
9. FETAL DEATHS	1	7.4	13.5	0	0.0	6.4	1	11.9	19.9
ATTENDANT									
PHYSICIAN IN HOSPITAL	1	100.0	100.0	0		100.0	1	100.0	100.0
PHYSICIAN NOT IN HOSPITAL	0	0.0	0.0	0		0.0	0	0.0	0.0
CERTIFIED NURSE MIDWIFE	0	0.0	0.0	0		0.0	0	0.0	0.0
OTHER ATTENDANT	0	0.0	0.0	0		0.0	0	0.0	0.0
OUT OF WEDLOCK	0	0.0	55.6	0		0.0	0	0.0	71.4
10. NEONATAL (UNDER 28 DAYS)	1	7.4	10.7	0	0.0	12.8	1	12.0	8.7
11. POSTNEONATAL (28 DAYS - 1 YEAR)	1	7.5	4.6	1	19.2	9.7	0	0.0	0.0
12. INFANT DEATHS (UNDER 1 YEAR)	2	14.8	15.2	1	19.2	22.4	1	12.0	8.7
DEATHS (EXCLUDING FETALS)									
13. TOTAL	103	10.4	11.2	64	13.2	13.2	39	7.7	9.3
MALES	49	10.0	12.0	29	12.0	13.5	20	8.0	10.6
FEMALES	54	10.8	10.4	35	14.4	13.0	19	7.4	6.0
14. AGE									
00-04 YEARS	2	3.4	4.5	1	4.2	6.9	1	2.9	2.8
05-14 YEARS	0	0.0	0.2	0	0.0	0.0	0	0.0	0.3
15-24 YEARS	2	1.5	1.4	2	3.4	2.7	0	0.0	0.5
25-34 YEARS	4	2.5	1.9	2	2.9	1.2	2	2.3	2.5
35-44 YEARS	5	3.5	2.0	3	4.3	1.3	2	2.8	2.8
45-54 YEARS	6	5.7	6.0	3	5.5	5.4	3	5.9	6.6
55-64 YEARS	14	13.6	14.2	7	12.0	12.4	7	15.6	16.3
65 AND OVER	70	44.2	51.7	46	49.2	53.0	24	37.0	49.9
15. PLACE OF DEATH									
HOSPITAL	67	65.0	60.4	42	65.6	63.0	25	64.1	57.1
OTHER INSTITUTION	15	14.6	13.1	8	12.5	12.7	7	17.9	13.7
HOME OR NON-INSTITUTION	21	20.4	26.4	14	21.9	24.4	7	17.9	29.2
16. OCCURRENCE									
TOTAL	30	0.1	0.1	16	0.0	0.0	14	0.1	0.1
TO RESIDENTS	27	90.0	90.9	15	93.8	87.8	12	85.7	94.2
OTHER EVENTS									
17. MARRIAGES	67	6.8	6.4						
18. DIVORCES AND ANNULMENTS	21	2.1	2.3						

* SEE DEFINITIONS AND FORMULAS (SECTION VII)

SELECTED VITAL STATISTICS FOR 1989 AND 1985-1989

GRAHAM COUNTY

ITEM	TOTAL			WHITE			NONWHITE		
	NUMBER 1989	RATE* 1989	RATE* 85-89	NUMBER 1989	RATE* 1989	RATE* 85-89	NUMBER 1989	RATE* 1989	RATE* 85-89
POPULATION									
1. TOTAL	7097	0.1	0.1	6696	0.1	0.1	401	0.0	0.0
MALES	3520	49.6	49.5	3314	49.5	49.4	206	51.4	51.2
FEMALES	3577	50.4	50.5	3382	50.5	50.6	195	48.6	48.8
2. NATURAL INCREASE	36	5.1	2.9	27	4.0	2.1	9	22.4	17.7
LIVE BIRTHS									
3. TOTAL	118	16.6	13.3	105	15.7	12.6	13	32.4	25.6
MALES	55	7.7	7.2	54	8.1	6.9	1	2.5	11.3
FEMALES	63	8.9	6.2	51	7.6	5.7	12	29.9	14.3
4. ATTENDANT									
PHYSICIAN IN HOSPITAL	117	99.2	99.6	104	99.0	99.5	13	100.0	100.0
PHYSICIAN NOT IN HOSPITAL	1	0.8	0.2	1	1.0	0.2	0	0.0	0.0
CERTIFIED NURSE MIDWIFE	0	0.0	0.0	0	0.0	0.0	0	0.0	0.0
OTHER ATTENDANT	0	0.0	0.2	0	0.0	0.2	0	0.0	0.0
5. PREMATURE BIRTHS	12	10.2	5.9	11	10.5	6.4	1	7.7	1.9
6. OUT OF WEDLOCK	18	15.3	15.6	13	12.4	12.3	5	38.5	42.3
7. OCCURRENCE									
TOTAL	1	0.0	0.0	1	0.0	0.0	0	0.0	0.0
TO RESIDENTS	1	100.0	100.0	1	100.0	100.0	0		
FETAL & INFANT MORTALITY									
8. PERINATAL DEATHS	3	25.4	16.7	3	28.6	14.2	0	0.0	37.0
9. FETAL DEATHS	0	0.0	8.4	0	0.0	4.7	0	0.0	37.0
ATTENDANT									
PHYSICIAN IN HOSPITAL	0		100.0	0		100.0	0		100.0
PHYSICIAN NOT IN HOSPITAL	0		0.0	0		0.0	0		0.0
CERTIFIED NURSE MIDWIFE	0		0.0	0		0.0	0		0.0
OTHER ATTENDANT	0		0.0	0		0.0	0		0.0
OUT OF WEDLOCK	0		0.0	0		0.0	0		0.0
10. NEONATAL (UNDER 28 DAYS)	3	25.4	8.4	3	28.6	9.5	0	0.0	0.0
11. POSTNEONATAL (28 DAYS - 1 YEAR)	0	0.0	0.0	0	0.0	0.0	0	0.0	0.0
12. INFANT DEATHS (UNDER 1 YEAR)	3	25.4	8.4	3	28.6	9.5	0	0.0	0.0
DEATHS (EXCLUDING FETALS)									
13. TOTAL	82	11.6	10.4	78	11.6	10.5	4	10.0	7.9
MALES	38	10.8	11.9	37	11.2	12.2	1	4.9	7.7
FEMALES	44	12.3	8.9	41	12.1	8.9	3	15.4	8.0
14. AGE									
00-04 YEARS	4	8.2	2.8	4	9.0	2.7	0	0.0	4.4
05-14 YEARS	0	0.0	0.6	0	0.0	0.4	0	0.0	2.3
15-24 YEARS	1	1.0	0.9	1	1.1	1.0	0	0.0	0.0
25-34 YEARS	2	1.8	2.2	2	2.0	2.2	0	0.0	3.3
35-44 YEARS	0	0.0	2.4	0	0.0	2.5	0	0.0	0.0
45-54 YEARS	3	4.0	4.9	3	4.2	4.9	0	0.0	6.3
55-64 YEARS	12	17.7	11.5	11	16.7	11.3	1	47.6	18.0
65 AND OVER	60	55.7	52.5	57	54.1	51.8	3	125.0	80.6
15. PLACE OF DEATH									
HOSPITAL	49	59.8	60.7	46	59.0	60.1	3	75.0	75.0
OTHER INSTITUTION	14	17.1	18.2	13	16.7	18.1	1	25.0	18.8
HOME OR NON-INSTITUTION	19	23.2	21.1	19	24.4	21.8	0	0.0	6.3
16. OCCURRENCE									
TOTAL	28	0.0	0.0	27	0.1	0.1	1	0.0	0.0
TO RESIDENTS	26	92.9	89.4	25	92.6	89.1	1	100.0	100.0
OTHER EVENTS									
17. MARRIAGES	68	9.6	10.9						
18. DIVORCES AND ANNULMENTS	37	5.2	4.3						

* SEE DEFINITIONS AND FORMULAS (SECTION VII)

SELECTED VITAL STATISTICS FOR 1989 AND 1985-1989

GRANVILLE COUNTY

ITEM	TOTAL			WHITE			NONWHITE		
	NUMBER 1989	RATE* 1989	RATE* 85-89	NUMBER 1989	RATE* 1989	RATE* 85-89	NUMBER 1989	RATE* 1989	RATE* 85-89
POPULATION									
1. TOTAL	39451	0.6	0.6	22369	0.4	0.4	17082	1.1	1.1
MALES	19544	49.5	49.6	11146	49.8	49.7	8398	49.2	49.6
FEMALES	19907	50.5	50.4	11223	50.2	50.3	8684	50.8	50.4
2. NATURAL INCREASE	148	3.8	3.7	39	1.7	2.9	109	6.4	4.7
LIVE BIRTHS									
3. TOTAL	569	14.4	13.7	300	13.4	13.1	269	15.7	14.6
MALES	282	7.1	6.9	145	6.5	6.5	137	8.0	7.4
FEMALES	287	7.3	6.9	155	6.9	6.6	132	7.7	7.2
4. ATTENDANT									
PHYSICIAN IN HOSPITAL	558	98.1	97.8	293	97.7	96.7	265	98.5	99.1
PHYSICIAN NOT IN HOSPITAL	1	0.2	0.2	0	0.0	0.0	1	0.4	0.3
CERTIFIED NURSE MIDWIFE	10	1.8	2.0	7	2.3	3.3	3	1.1	0.6
OTHER ATTENDANT	0	0.0	0.0	0	0.0	0.0	0	0.0	0.0
5. PREMATURE BIRTHS	52	9.1	9.9	15	5.0	7.1	37	13.8	13.1
6. OUT OF WEDLOCK	217	38.1	33.7	31	10.3	8.9	186	69.1	62.1
7. OCCURRENCE									
TOTAL	313	0.3	0.2	147	0.2	0.1	166	0.5	0.4
TO RESIDENTS	231	73.8	79.4	98	66.7	72.3	133	80.1	84.9
FETAL & INFANT MORTALITY									
8. PERINATAL DEATHS	7	12.2	19.3	4	13.2	13.5	3	11.1	25.8
9. FETAL DEATHS	3	5.2	8.7	2	6.6	7.1	1	3.7	10.5
ATTENDANT									
PHYSICIAN IN HOSPITAL	3	100.0	100.0	2	100.0	100.0	1	100.0	100.0
PHYSICIAN NOT IN HOSPITAL	0	0.0	0.0	0	0.0	0.0	0	0.0	0.0
CERTIFIED NURSE MIDWIFE	0	0.0	0.0	0	0.0	0.0	0	0.0	0.0
OTHER ATTENDANT	0	0.0	0.0	0	0.0	0.0	0	0.0	0.0
OUT OF WEDLOCK	1	33.3	47.8	0	0.0	10.0	1	100.0	76.9
10. NEONATAL (UNDER 28 DAYS)	4	7.0	10.7	2	6.7	6.4	2	7.4	15.5
11. POSTNEONATAL (28 DAYS - 1 YEAR)	0	0.0	3.5	0	0.0	3.6	0	0.0	3.3
12. INFANT DEATHS (UNDER 1 YEAR)	4	7.0	14.1	2	6.7	10.0	2	7.4	18.8
DEATHS (EXCLUDING FETALS)									
13. TOTAL	421	10.7	10.1	261	11.7	10.2	160	9.4	10.0
MALES	232	11.9	11.1	136	12.2	11.0	96	11.4	11.2
FEMALES	189	9.5	9.1	125	11.1	9.3	64	7.4	8.8
14. AGE									
00-04 YEARS	5	2.2	3.8	2	1.7	2.9	3	2.7	4.8
05-14 YEARS	1	0.2	0.2	0	0.0	0.3	1	0.4	0.2
15-24 YEARS	8	1.4	1.5	5	1.7	2.0	3	1.0	1.1
25-34 YEARS	16	2.5	2.1	10	2.8	1.6	6	2.2	2.7
35-44 YEARS	20	3.3	2.8	11	3.1	1.9	9	3.5	4.0
45-54 YEARS	34	7.4	5.8	23	8.2	4.7	11	6.2	7.3
55-64 YEARS	60	15.2	13.5	26	10.6	11.5	34	22.6	16.8
65 AND OVER	277	52.3	52.8	184	56.1	51.2	93	46.2	55.4
15. PLACE OF DEATH									
HOSPITAL	259	61.5	56.0	147	56.3	54.5	112	70.0	58.1
OTHER INSTITUTION	85	20.2	22.2	66	25.3	26.0	19	11.9	17.2
HOME OR NON-INSTITUTION	77	18.3	21.8	48	18.4	19.6	29	18.1	24.7
16. OCCURRENCE									
TOTAL	332	0.6	0.6	200	0.5	0.4	132	0.9	1.0
TO RESIDENTS	273	82.2	80.5	166	83.0	79.1	107	81.1	82.4
OTHER EVENTS									
17. MARRIAGES	283	7.2	7.6						
18. DIVORCES AND ANNULMENTS	132	3.3	3.1						

* SEE DEFINITIONS AND FORMULAS (SECTION VII)

SELECTED VITAL STATISTICS FOR 1989 AND 1985-1989

GREENE COUNTY

ITEM	TOTAL			WHITE			NONWHITE		
	NUMBER 1989	RATE* 1989	RATE* 85-89	NUMBER 1989	RATE* 1989	RATE* 85-89	NUMBER 1989	RATE* 1989	RATE* 85-89
POPULATION									
1. TOTAL	16478	0.3	0.3	9358	0.2	0.2	7120	0.4	0.5
MALES	7996	48.5	48.6	4622	49.4	49.3	3374	47.4	47.7
FEMALES	8482	51.5	51.4	4736	50.6	50.7	3746	52.6	52.3
2. NATURAL INCREASE	62	3.8	4.1	14	1.5	1.1	48	6.7	7.9
LIVE BIRTHS									
3. TOTAL	192	11.7	12.0	97	10.4	9.9	95	13.3	14.8
MALES	92	5.6	6.3	43	4.6	5.4	49	6.9	7.4
FEMALES	100	6.1	5.7	54	5.8	4.5	46	6.5	7.3
4. ATTENDANT									
PHYSICIAN IN HOSPITAL	190	99.0	99.4	95	97.9	99.6	95	100.0	99.3
PHYSICIAN NOT IN HOSPITAL	0	0.0	0.1	0	0.0	0.0	0	0.0	0.2
CERTIFIED NURSE MIDWIFE	0	0.0	0.1	0	0.0	0.0	0	0.0	0.2
OTHER ATTENDANT	2	1.0	0.4	2	2.1	0.4	0	0.0	0.4
5. PREMATURE BIRTHS	9	4.7	9.5	2	2.1	5.5	7	7.4	12.9
6. OUT OF WEDLOCK	66	34.4	36.2	5	5.2	4.4	61	64.2	63.2
7. OCCURRENCE									
TOTAL	0	0.0	0.0	0	0.0	0.0	0	0.0	0.0
TO RESIDENTS	0		100.0	0			0		100.0
FETAL & INFANT MORTALITY									
8. PERINATAL DEATHS	2	10.4	19.9	0	0.0	6.6	2	21.1	31.2
9. FETAL DEATHS	0	0.0	12.0	0	0.0	6.6	0	0.0	16.5
ATTENDANT									
PHYSICIAN IN HOSPITAL	0		91.7	0		100.0	0		88.9
PHYSICIAN NOT IN HOSPITAL	0		0.0	0		0.0	0		0.0
CERTIFIED NURSE MIDWIFE	0		0.0	0		0.0	0		0.0
OTHER ATTENDANT	0		8.3	0		0.0	0		11.1
OUT OF WEDLOCK	0		41.7	0		0.0	0		55.6
10. NEONATAL (UNDER 28 DAYS)	2	10.4	8.1	0	0.0	0.0	2	21.1	14.9
11. POSTNEONATAL (28 DAYS - 1 YEAR)	2	10.5	8.1	1	10.3	8.8	1	10.8	7.6
12. INFANT DEATHS (UNDER 1 YEAR)	4	20.8	16.1	1	10.3	8.8	3	31.6	22.4
DEATHS (EXCLUDING FETALS)									
13. TOTAL	130	7.9	8.0	83	8.9	8.8	47	6.6	6.9
MALES	69	8.6	9.2	39	8.4	9.4	30	8.9	8.9
FEMALES	61	7.2	6.8	44	9.3	8.2	17	4.5	5.0
14. AGE									
00-04 YEARS	4	3.6	3.1	1	1.9	2.3	3	5.0	3.8
05-14 YEARS	0	0.0	0.5	0	0.0	0.2	0	0.0	0.7
15-24 YEARS	1	0.4	0.6	0	0.0	0.8	1	0.8	0.4
25-34 YEARS	2	0.7	1.5	0	0.0	0.9	2	1.6	2.1
35-44 YEARS	3	1.2	2.2	1	0.7	1.7	2	2.1	3.0
45-54 YEARS	7	4.2	5.2	2	1.8	3.7	5	8.9	8.2
55-64 YEARS	24	16.1	13.9	19	18.9	14.8	5	10.2	12.2
65 AND OVER	89	45.3	45.6	60	45.9	45.0	29	44.1	46.8
15. PLACE OF DEATH									
HOSPITAL	86	66.2	66.2	55	66.3	67.7	31	66.0	63.6
OTHER INSTITUTION	16	12.3	12.3	8	9.6	11.3	8	17.0	14.0
HOME OR NON-INSTITUTION	28	21.5	21.5	20	24.1	20.9	8	17.0	22.4
16. OCCURRENCE									
TOTAL	39	0.1	0.1	28	0.1	0.1	11	0.1	0.1
TO RESIDENTS	34	87.2	86.7	24	85.7	89.1	10	90.9	83.3
OTHER EVENTS									
17. MARRIAGES	103	6.3	7.4						
18. DIVORCES AND ANNULMENTS	42	2.5	2.4						

* SEE DEFINITIONS AND FORMULAS (SECTION VII)

SELECTED VITAL STATISTICS FOR 1989 AND 1985-1989

GUILFORD COUNTY

ITEM	TOTAL			WHITE			NONWHITE		
	NUMBER 1989	RATE* 1989	RATE* 85-89	NUMBER 1989	RATE* 1989	RATE* 85-89	NUMBER 1989	RATE* 1989	RATE* 85-89
POPULATION									
1. TOTAL	339109	5.2	5.2	242985	4.9	4.9	96124	6.0	6.0
MALES	159133	46.9	47.0	114921	47.3	47.3	44212	46.0	46.3
FEMALES	179976	53.1	53.0	128064	52.7	52.7	51912	54.0	53.7
2. NATURAL INCREASE	2297	6.8	5.5	1054	4.3	3.4	1243	12.9	11.0
LIVE BIRTHS									
3. TOTAL	5289	15.6	14.2	3285	13.5	12.5	2004	20.8	18.4
MALES	2632	7.8	7.2	1610	6.6	6.4	1022	10.6	9.2
FEMALES	2657	7.8	7.0	1675	6.9	6.1	982	10.2	9.2
4. ATTENDANT									
PHYSICIAN IN HOSPITAL	5176	97.9	98.2	3222	98.1	97.9	1954	97.5	98.7
PHYSICIAN NOT IN HOSPITAL	7	0.1	0.1	4	0.1	0.1	3	0.1	0.2
CERTIFIED NURSE MIDWIFE	87	1.6	1.5	52	1.6	1.8	35	1.7	0.8
OTHER ATTENDANT	19	0.4	0.2	7	0.2	0.2	12	0.6	0.3
5. PREMATURE BIRTHS	421	8.0	8.3	190	5.8	5.9	231	11.5	12.5
6. OUT OF WEDLOCK	1582	29.9	27.5	369	11.2	9.8	1213	60.5	58.5
7. OCCURRENCE									
TOTAL	6973	6.8	6.7	4870	7.1	7.0	2103	6.2	6.0
TO RESIDENTS	5092	73.0	71.4	3142	64.5	63.2	1950	92.7	92.1
FETAL & INFANT MORTALITY									
8. PERINATAL DEATHS	109	20.4	17.0	52	15.7	12.8	57	28.0	24.5
9. FETAL DEATHS	59	11.0	8.0	25	7.6	5.9	34	16.7	11.6
ATTENDANT									
PHYSICIAN IN HOSPITAL	57	96.6	96.3	24	96.0	95.6	33	97.1	97.0
PHYSICIAN NOT IN HOSPITAL	0	0.0	1.6	0	0.0	3.3	0	0.0	0.0
CERTIFIED NURSE MIDWIFE	2	3.4	1.6	1	4.0	1.1	1	2.9	2.0
OTHER ATTENDANT	0	0.0	0.5	0	0.0	0.0	0	0.0	1.0
OUT OF WEDLOCK	37	62.7	44.0	7	28.0	22.2	30	88.2	63.4
10. NEONATAL (UNDER 28 DAYS)	50	9.5	9.1	27	8.2	6.8	23	11.5	13.0
11. POSTNEONATAL (28 DAYS - 1 YEAR)	18	3.4	4.1	7	2.1	3.8	11	5.6	4.7
12. INFANT DEATHS (UNDER 1 YEAR)	68	12.9	13.2	34	10.4	10.6	34	17.0	17.7
DEATHS (EXCLUDING FETALS)									
13. TOTAL	2992	8.8	8.7	2231	9.2	9.2	761	7.9	7.5
MALES	1481	9.3	9.4	1077	9.4	9.7	404	9.1	8.7
FEMALES	1511	8.4	8.1	1154	9.0	8.7	357	6.9	6.4
14. AGE									
00-04 YEARS	80	4.0	3.7	39	3.0	3.0	41	5.7	5.0
05-14 YEARS	16	0.4	0.2	12	0.5	0.3	4	0.3	0.2
15-24 YEARS	51	0.9	0.9	29	0.8	0.9	22	1.0	0.8
25-34 YEARS	92	1.6	1.4	50	1.2	1.2	42	2.4	1.9
35-44 YEARS	111	2.2	2.3	56	1.5	1.6	55	4.1	4.1
45-54 YEARS	183	5.0	5.2	113	4.0	4.2	70	8.7	6.9
55-64 YEARS	441	13.9	13.0	326	12.6	11.6	115	19.5	19.1
65 AND OVER	2018	47.8	49.9	1606	45.8	48.8	412	57.4	55.1
15. PLACE OF DEATH									
HOSPITAL	1903	63.6	61.5	1344	60.2	59.1	559	73.5	68.9
OTHER INSTITUTION	521	17.4	19.0	435	19.5	21.3	86	11.3	11.6
HOME OR NON-INSTITUTION	568	19.0	19.5	452	20.3	19.5	116	15.2	19.5
16. OCCURRENCE									
TOTAL	3220	5.6	5.7	2444	5.6	5.8	776	5.5	5.3
TO RESIDENTS	2647	82.2	81.2	1966	80.4	79.2	681	87.8	88.1
OTHER EVENTS									
17. MARRIAGES	3038	9.0	9.5						
18. DIVORCES AND ANNULMENTS	2131	6.3	6.6						

* SEE DEFINITIONS AND FORMULAS (SECTION VII)

SELECTED VITAL STATISTICS FOR 1989 AND 1985-1989

HALIFAX COUNTY

	TOTAL			WHITE			NONWHITE		
ITEM	NUMBER 1989	RATE* 1989	RATE* 85-89	NUMBER 1989	RATE* 1989	RATE* 85-89	NUMBER 1989	RATE* 1989	RATE* 85-89
POPULATION									
1. TOTAL	56761	0.9	0.9	28491	0.6	0.6	28270	1.8	1.8
MALES	26933	47.4	47.6	13611	47.8	47.8	13322	47.1	47.5
FEMALES	29828	52.6	52.4	14880	52.2	52.2	14948	52.9	52.5
2. NATURAL INCREASE	297	5.2	4.1	-9	-0.3	-1.1	306	10.8	9.3
LIVE BIRTHS									
3. TOTAL	925	16.3	15.0	306	10.7	10.2	619	21.9	19.8
MALES	483	8.5	7.8	160	5.6	5.3	323	11.4	10.2
FEMALES	442	7.8	7.3	146	5.1	4.9	296	10.5	9.6
4. ATTENDANT									
PHYSICIAN IN HOSPITAL	922	99.7	99.7	304	99.3	99.7	618	99.8	99.7
PHYSICIAN NOT IN HOSPITAL	2	0.2	0.2	1	0.3	0.2	1	0.2	0.1
CERTIFIED NURSE MIDWIFE	0	0.0	0.0	0	0.0	0.0	0	0.0	0.0
OTHER ATTENDANT	1	0.1	0.1	1	0.3	0.1	0	0.0	0.1
5. PREMATURE BIRTHS	89	9.6	9.3	21	6.9	5.1	68	11.0	11.5
6. OUT OF WEDLOCK	448	48.4	46.2	45	14.7	14.9	403	65.1	62.1
7. OCCURRENCE									
TOTAL	968	0.9	0.9	224	0.3	0.3	744	2.2	2.1
TO RESIDENTS	682	70.5	71.1	157	70.1	73.7	525	70.6	70.2
FETAL & INFANT MORTALITY									
8. PERINATAL DEATHS	17	18.2	22.1	4	12.9	11.1	13	20.8	27.7
9. FETAL DEATHS	8	8.6	13.0	3	9.7	6.9	5	8.0	16.1
ATTENDANT									
PHYSICIAN IN HOSPITAL	8	100.0	98.2	3	100.0	100.0	5	100.0	97.8
PHYSICIAN NOT IN HOSPITAL	0	0.0	0.0	0	0.0	0.0	0	0.0	0.0
CERTIFIED NURSE MIDWIFE	0	0.0	0.0	0	0.0	0.0	0	0.0	0.0
OTHER ATTENDANT	0	0.0	1.8	0	0.0	0.0	0	0.0	2.2
OUT OF WEDLOCK	6	75.0	66.1	1	33.3	10.0	5	100.0	78.3
10. NEONATAL (UNDER 28 DAYS)	9	9.7	9.2	1	3.3	4.2	8	12.9	11.8
11. POSTNEONATAL (28 DAYS - 1 YEAR)	7	7.6	6.7	3	9.8	4.9	4	6.5	7.6
12. INFANT DEATHS (UNDER 1 YEAR)	16	17.3	15.8	4	13.1	9.1	12	19.4	19.3
DEATHS (EXCLUDING FETALS)									
13. TOTAL	628	11.1	10.9	315	11.1	11.4	313	11.1	10.5
MALES	299	11.1	12.3	143	10.5	11.9	156	11.7	12.7
FEMALES	329	11.0	9.7	172	11.6	10.9	157	10.5	8.5
14. AGE									
00-04 YEARS	21	5.3	4.2	6	3.8	2.1	15	6.3	5.6
05-14 YEARS	4	0.5	0.5	2	0.6	0.5	2	0.4	0.5
15-24 YEARS	9	1.1	1.1	2	0.6	0.4	7	1.5	1.6
25-34 YEARS	17	1.9	1.8	3	0.7	1.1	14	3.0	2.4
35-44 YEARS	24	3.0	3.2	8	2.0	1.7	16	4.2	4.9
45-54 YEARS	35	6.4	7.8	10	3.2	4.2	25	10.8	12.5
55-64 YEARS	81	14.2	16.0	42	12.4	13.8	39	16.8	19.1
65 AND OVER	437	51.3	50.9	242	46.0	48.5	195	59.9	54.6
15. PLACE OF DEATH									
HOSPITAL	500	79.6	78.1	238	75.6	77.0	262	83.7	79.4
OTHER INSTITUTION	66	10.5	10.6	44	14.0	11.6	22	7.0	9.6
HOME OR NON-INSTITUTION	62	9.9	11.2	33	10.5	11.4	29	9.3	11.0
16. OCCURRENCE									
TOTAL	600	1.0	1.1	299	0.7	0.7	301	2.1	2.1
TO RESIDENTS	434	72.3	73.5	227	75.9	77.3	207	68.8	69.5
OTHER EVENTS									
17. MARRIAGES	425	7.5	7.4						
18. DIVORCES AND ANNULMENTS	150	2.6	3.3						

* SEE DEFINITIONS AND FORMULAS (SECTION VII)

SELECTED VITAL STATISTICS FOR 1989 AND 1985-1989

HARNETT COUNTY

ITEM	TOTAL			WHITE			NONWHITE		
	NUMBER 1989	RATE* 1989	RATE* 85-89	NUMBER 1989	RATE* 1989	RATE* 85-89	NUMBER 1989	RATE* 1989	RATE* 85-89
POPULATION									
1. TOTAL	67007	1.0	1.0	51671	1.0	1.0	15336	1.0	1.0
MALES	32541	48.6	48.6	25240	48.8	48.8	7301	47.6	47.9
FEMALES	34466	51.4	51.4	26431	51.2	51.2	8035	52.4	52.1
2. NATURAL INCREASE	688	10.3	8.9	429	8.3	7.3	259	16.9	13.9
LIVE BIRTHS									
3. TOTAL	1265	18.9	17.9	857	16.6	16.1	408	26.6	23.6
MALES	653	9.7	9.2	467	9.0	8.4	186	12.1	11.9
FEMALES	612	9.1	8.7	390	7.5	7.7	222	14.5	11.7
4. ATTENDANT									
PHYSICIAN IN HOSPITAL	1256	99.3	99.3	849	99.1	99.3	407	99.8	99.4
PHYSICIAN NOT IN HOSPITAL	1	0.1	0.1	1	0.1	0.0	0	0.0	0.2
CERTIFIED NURSE MIDWIFE	5	0.4	0.3	5	0.6	0.4	0	0.0	0.1
OTHER ATTENDANT	3	0.2	0.3	2	0.2	0.2	1	0.2	0.3
5. PREMATURE BIRTHS	100	7.9	7.5	54	6.3	5.2	46	11.3	12.8
6. OUT OF WEDLOCK	340	26.9	23.7	97	11.3	9.0	243	59.6	56.6
7. OCCURRENCE									
TOTAL	295	0.3	0.3	187	0.3	0.3	108	0.3	0.3
TO RESIDENTS	224	75.9	74.2	135	72.2	68.7	89	82.4	84.1
FETAL & INFANT MORTALITY									
8. PERINATAL DEATHS	17	13.3	14.7	6	7.0	11.4	11	26.4	22.0
9. FETAL DEATHS	11	8.6	7.7	2	2.3	6.5	9	21.6	10.4
ATTENDANT									
PHYSICIAN IN HOSPITAL	11	100.0	100.0	2	100.0	100.0	9	100.0	100.0
PHYSICIAN NOT IN HOSPITAL	0	0.0	0.0	0	0.0	0.0	0	0.0	0.0
CERTIFIED NURSE MIDWIFE	0	0.0	0.0	0	0.0	0.0	0	0.0	0.0
OTHER ATTENDANT	0	0.0	0.0	0	0.0	0.0	0	0.0	0.0
OUT OF WEDLOCK	8	72.7	37.8	0	0.0	7.7	8	88.9	78.9
10. NEONATAL (UNDER 28 DAYS)	6	4.7	7.1	4	4.7	5.0	2	4.9	11.6
11. POSTNEONATAL (28 DAYS - 1 YEAR)	4	3.2	4.3	3	3.5	3.0	1	2.5	7.3
12. INFANT DEATHS (UNDER 1 YEAR)	10	7.9	11.4	7	8.2	8.0	3	7.4	18.9
DEATHS (EXCLUDING FETALS)									
13. TOTAL	577	8.6	9.0	428	8.3	8.7	149	9.7	9.7
MALES	314	9.6	10.2	227	9.0	9.8	87	11.9	11.7
FEMALES	263	7.6	7.8	201	7.6	7.8	62	7.7	7.8
14. AGE									
00-04 YEARS	11	2.2	3.2	8	2.2	2.3	3	2.3	5.8
05-14 YEARS	3	0.3	0.2	2	0.3	0.1	1	0.4	0.4
15-24 YEARS	11	0.8	1.1	10	1.0	1.1	1	0.3	1.0
25-34 YEARS	26	2.4	1.7	11	1.3	1.0	15	6.4	3.7
35-44 YEARS	27	3.0	2.8	16	2.3	2.1	11	5.9	5.5
45-54 YEARS	51	7.8	7.3	38	7.1	6.5	13	10.9	10.9
55-64 YEARS	80	13.8	15.9	59	12.6	14.5	21	19.0	21.8
65 AND OVER	368	48.5	52.1	284	46.3	50.8	84	57.5	57.4
15. PLACE OF DEATH									
HOSPITAL	350	60.7	62.1	262	61.2	62.4	88	59.1	61.3
OTHER INSTITUTION	106	18.4	18.5	85	19.9	19.2	21	14.1	16.2
HOME OR NON-INSTITUTION	121	21.0	19.4	81	18.9	18.4	40	26.8	22.5
16. OCCURRENCE									
TOTAL	487	0.8	0.8	345	0.8	0.8	142	1.0	0.9
TO RESIDENTS	362	74.3	75.1	255	73.9	73.9	107	75.4	78.2
OTHER EVENTS									
17. MARRIAGES	375	5.6	6.0						
18. DIVORCES AND ANNULMENTS	274	4.1	4.4						

* SEE DEFINITIONS AND FORMULAS (SECTION VII)

SELECTED VITAL STATISTICS FOR 1989 AND 1985-1989

HAYWOOD COUNTY

ITEM	TOTAL NUMBER 1989	TOTAL RATE* 1989	TOTAL RATE* 85-89	WHITE NUMBER 1989	WHITE RATE* 1989	WHITE RATE* 85-89	NONWHITE NUMBER 1989	NONWHITE RATE* 1989	NONWHITE RATE* 85-89
POPULATION									
1. TOTAL	48026	0.7	0.8	47073	0.9	1.0	953	0.1	0.1
MALES	23080	48.1	48.1	22614	48.0	48.1	466	48.9	49.1
FEMALES	24946	51.9	51.9	24459	52.0	51.9	487	51.1	50.9
2. NATURAL INCREASE	69	1.4	0.5	68	1.4	0.5	1	1.0	1.9
LIVE BIRTHS									
3. TOTAL	549	11.4	11.0	535	11.4	11.0	14	14.7	12.5
MALES	294	6.1	5.6	286	6.1	5.6	8	8.4	7.0
FEMALES	255	5.3	5.4	249	5.3	5.4	6	6.3	5.6
4. ATTENDANT									
PHYSICIAN IN HOSPITAL	544	99.1	99.2	530	99.1	99.2	14	100.0	100.0
PHYSICIAN NOT IN HOSPITAL	0	0.0	0.1	0	0.0	0.1	0	0.0	0.0
CERTIFIED NURSE MIDWIFE	2	0.4	0.5	2	0.4	0.5	0	0.0	0.0
OTHER ATTENDANT	3	0.5	0.2	3	0.6	0.2	0	0.0	0.0
5. PREMATURE BIRTHS	43	7.8	7.6	42	7.9	7.6	1	7.1	4.9
6. OUT OF WEDLOCK	97	17.7	16.3	94	17.6	15.8	3	21.4	36.1
7. OCCURRENCE									
TOTAL	261	0.3	0.4	257	0.4	0.5	4	0.0	0.0
TO RESIDENTS	248	95.0	95.0	246	95.7	95.3	2	50.0	63.3
FETAL & INFANT MORTALITY									
8. PERINATAL DEATHS	7	12.7	11.3	7	13.0	11.5	0	0.0	0.0
9. FETAL DEATHS	3	5.4	4.5	3	5.6	4.6	0	0.0	0.0
ATTENDANT									
PHYSICIAN IN HOSPITAL	3	100.0	100.0	3	100.0	100.0	0		
PHYSICIAN NOT IN HOSPITAL	0	0.0	0.0	0	0.0	0.0	0		
CERTIFIED NURSE MIDWIFE	0	0.0	0.0	0	0.0	0.0	0		
OTHER ATTENDANT	0	0.0	0.0	0	0.0	0.0	0		
OUT OF WEDLOCK	1	33.3	25.0	1	33.3	25.0	0		
10. NEONATAL (UNDER 28 DAYS)	4	7.3	6.8	4	7.5	7.0	0	0.0	0.0
11. POSTNEONATAL (28 DAYS - 1 YEAR)	0	0.0	1.5	0	0.0	1.6	0	0.0	0.0
12. INFANT DEATHS (UNDER 1 YEAR)	4	7.3	8.3	4	7.5	8.5	0	0.0	0.0
DEATHS (EXCLUDING FETALS)									
13. TOTAL	480	10.0	10.5	467	9.9	10.5	13	13.6	10.7
MALES	257	11.1	12.1	248	11.0	12.1	9	19.3	12.6
FEMALES	223	8.9	9.0	219	9.0	9.0	4	8.2	8.9
14. AGE									
00-04 YEARS	4	1.6	1.9	4	1.6	1.9	0	0.0	0.0
05-14 YEARS	2	0.4	0.3	2	0.4	0.3	0	0.0	0.0
15-24 YEARS	4	0.6	1.3	4	0.6	1.3	0	0.0	0.0
25-34 YEARS	10	1.4	1.4	10	1.4	1.5	0	0.0	0.0
35-44 YEARS	15	2.2	2.0	15	2.2	2.0	0	0.0	1.4
45-54 YEARS	25	4.3	4.5	24	4.2	4.4	1	12.3	9.8
55-64 YEARS	57	10.7	12.4	55	10.5	12.4	2	24.1	14.1
65 AND OVER	363	44.9	48.1	353	44.3	47.8	10	88.5	70.0
15. PLACE OF DEATH									
HOSPITAL	316	65.8	61.9	306	65.5	61.6	10	76.9	73.1
OTHER INSTITUTION	84	17.5	19.5	84	18.0	19.6	0	0.0	15.4
HOME OR NON-INSTITUTION	80	16.7	18.7	77	16.5	18.8	3	23.1	11.5
16. OCCURRENCE									
TOTAL	460	0.8	0.9	444	1.0	1.1	16	0.1	0.1
TO RESIDENTS	394	85.7	85.6	382	86.0	86.0	12	75.0	71.0
OTHER EVENTS									
17. MARRIAGES	455	9.5	9.6						
18. DIVORCES AND ANNULMENTS	239	5.0	4.9						

* SEE DEFINITIONS AND FORMULAS (SECTION VII)

SELECTED VITAL STATISTICS FOR 1989 AND 1985-1989

HENDERSON COUNTY

ITEM	TOTAL NUMBER 1989	TOTAL RATE* 1989	TOTAL RATE* 85-89	WHITE NUMBER 1989	WHITE RATE* 1989	WHITE RATE* 85-89	NONWHITE NUMBER 1989	NONWHITE RATE* 1989	NONWHITE RATE* 85-89
POPULATION									
1. TOTAL	70370	1.1	1.1	67897	1.4	1.4	2473	0.2	0.2
MALES	33530	47.6	47.7	32336	47.6	47.7	1194	48.3	48.5
FEMALES	36840	52.4	52.3	35561	52.4	52.3	1279	51.7	51.5
2. NATURAL INCREASE	32	0.5	0.4	5	0.1	0.0	27	10.9	10.5
LIVE BIRTHS									
3. TOTAL	824	11.7	11.6	770	11.3	11.2	54	21.8	21.5
MALES	420	6.0	6.0	391	5.8	5.8	29	11.7	11.0
FEMALES	404	5.7	5.6	379	5.6	5.4	25	10.1	10.6
4. ATTENDANT									
PHYSICIAN IN HOSPITAL	812	98.5	96.1	758	98.4	95.9	54	100.0	99.3
PHYSICIAN NOT IN HOSPITAL	1	0.1	0.1	1	0.1	0.1	0	0.0	0.0
CERTIFIED NURSE MIDWIFE	7	0.8	3.4	7	0.9	3.6	0	0.0	0.7
OTHER ATTENDANT	4	0.5	0.3	4	0.5	0.4	0	0.0	0.0
5. PREMATURE BIRTHS	54	6.6	7.2	48	6.2	6.8	6	11.1	11.5
6. OUT OF WEDLOCK	144	17.5	18.3	116	15.1	15.0	28	51.9	63.9
7. OCCURRENCE									
TOTAL	778	0.8	0.8	725	1.1	1.0	53	0.2	0.2
TO RESIDENTS	614	78.9	82.1	571	78.8	82.0	43	81.1	82.5
FETAL & INFANT MORTALITY									
8. PERINATAL DEATHS	14	16.8	16.6	11	14.2	14.8	3	53.6	40.0
9. FETAL DEATHS	8	9.6	8.5	6	7.7	7.5	2	35.7	21.8
ATTENDANT									
PHYSICIAN IN HOSPITAL	8	100.0	97.1	6	100.0	96.4	2	100.0	100.0
PHYSICIAN NOT IN HOSPITAL	0	0.0	0.0	0	0.0	0.0	0	0.0	0.0
CERTIFIED NURSE MIDWIFE	0	0.0	2.9	0	0.0	3.6	0	0.0	0.0
OTHER ATTENDANT	0	0.0	0.0	0	0.0	0.0	0	0.0	0.0
OUT OF WEDLOCK	1	12.5	23.5	1	16.7	14.3	0	0.0	66.7
10. NEONATAL (UNDER 28 DAYS)	6	7.3	8.1	5	6.5	7.3	1	18.5	18.6
11. POSTNEONATAL (28 DAYS - 1 YEAR)	2	2.4	3.3	2	2.6	2.7	0	0.0	11.4
12. INFANT DEATHS (UNDER 1 YEAR)	8	9.7	11.4	7	9.1	10.1	1	18.5	29.7
DEATHS (EXCLUDING FETALS)									
13. TOTAL	792	11.3	11.2	765	11.3	11.2	27	10.9	11.0
MALES	409	12.2	12.5	394	12.2	12.4	15	12.6	14.4
FEMALES	383	10.4	10.0	371	10.4	10.1	12	9.4	7.9
14. AGE									
00-04 YEARS	11	2.7	2.6	10	2.6	2.3	1	5.5	8.4
05-14 YEARS	1	0.1	0.2	0	0.0	0.1	1	2.5	0.9
15-24 YEARS	13	1.4	1.0	13	1.5	1.0	0	0.0	1.0
25-34 YEARS	11	1.1	1.5	10	1.0	1.5	1	2.4	1.9
35-44 YEARS	19	2.0	1.9	19	2.1	1.9	0	0.0	1.9
45-54 YEARS	27	3.6	4.5	25	3.4	4.3	2	8.1	11.3
55-64 YEARS	71	9.6	11.2	65	9.0	10.9	6	30.2	21.6
65 AND OVER	639	44.7	44.7	623	44.5	44.4	16	53.5	55.2
15. PLACE OF DEATH									
HOSPITAL	478	60.4	61.7	461	60.3	61.7	17	63.0	62.3
OTHER INSTITUTION	137	17.3	18.9	131	17.1	18.7	6	22.2	23.9
HOME OR NON-INSTITUTION	177	22.3	19.4	173	22.6	19.6	4	14.8	13.8
16. OCCURRENCE									
TOTAL	780	1.3	1.3	756	1.7	1.6	24	0.2	0.2
TO RESIDENTS	665	85.3	86.0	644	85.2	86.1	21	87.5	85.2
OTHER EVENTS									
17. MARRIAGES	512	7.3	7.4						
18. DIVORCES AND ANNULMENTS	294	4.2	4.5						

* SEE DEFINITIONS AND FORMULAS (SECTION VII)

SELECTED VITAL STATISTICS FOR 1989 AND 1985-1989

HERTFORD COUNTY

ITEM	TOTAL			WHITE			NONWHITE		
	NUMBER 1989	RATE* 1989	RATE* 85-89	NUMBER 1989	RATE* 1989	RATE* 85-89	NUMBER 1989	RATE* 1989	RATE* 85-89
POPULATION									
1. TOTAL	23423	0.4	0.4	10168	0.2	0.2	13255	0.8	0.9
MALES	11078	47.3	47.6	4915	48.3	48.3	6163	46.5	47.0
FEMALES	12345	52.7	52.4	5253	51.7	51.7	7092	53.5	53.0
2. NATURAL INCREASE	121	5.2	3.7	-31	-3.0	-1.5	152	11.5	7.6
LIVE BIRTHS									
3. TOTAL	380	16.2	14.8	95	9.3	10.0	285	21.5	18.5
MALES	193	8.2	7.5	55	5.4	5.5	138	10.4	9.1
FEMALES	187	8.0	7.2	40	3.9	4.5	147	11.1	9.3
4. ATTENDANT									
PHYSICIAN IN HOSPITAL	378	99.5	99.7	93	97.9	99.6	285	100.0	99.8
PHYSICIAN NOT IN HOSPITAL	0	0.0	0.1	0	0.0	0.0	0	0.0	0.2
CERTIFIED NURSE MIDWIFE	1	0.3	0.1	1	1.1	0.2	0	0.0	0.0
OTHER ATTENDANT	1	0.3	0.1	1	1.1	0.2	0	0.0	0.1
5. PREMATURE BIRTHS	38	10.0	9.6	4	4.2	5.3	34	11.9	11.3
6. OUT OF WEDLOCK	209	55.0	44.8	13	13.7	9.9	196	68.8	59.1
7. OCCURRENCE									
TOTAL	598	0.6	0.6	112	0.2	0.1	486	1.4	1.4
TO RESIDENTS	301	50.3	48.7	54	48.2	51.2	247	50.6	48.2
FETAL & INFANT MORTALITY									
8. PERINATAL DEATHS	9	23.3	16.3	4	40.4	9.7	5	17.4	19.1
9. FETAL DEATHS	6	15.5	9.6	4	40.4	9.7	2	7.0	9.5
ATTENDANT									
PHYSICIAN IN HOSPITAL	6	100.0	100.0	4	100.0	100.0	2	100.0	100.0
PHYSICIAN NOT IN HOSPITAL	0	0.0	0.0	0	0.0	0.0	0	0.0	0.0
CERTIFIED NURSE MIDWIFE	0	0.0	0.0	0	0.0	0.0	0	0.0	0.0
OTHER ATTENDANT	0	0.0	0.0	0	0.0	0.0	0	0.0	0.0
OUT OF WEDLOCK	1	16.7	41.2	0	0.0	0.0	1	50.0	58.3
10. NEONATAL (UNDER 28 DAYS)	3	7.9	6.8	0	0.0	0.0	3	10.5	9.6
11. POSTNEONATAL (28 DAYS - 1 YEAR)	2	5.3	4.6	1	10.5	1.9	1	3.5	5.7
12. INFANT DEATHS (UNDER 1 YEAR)	5	13.2	11.4	1	10.5	1.9	4	14.0	15.2
DEATHS (EXCLUDING FETALS)									
13. TOTAL	259	11.1	11.1	126	12.4	11.5	133	10.0	10.8
MALES	124	11.2	12.3	61	12.4	11.6	63	10.2	12.9
FEMALES	135	10.9	10.0	65	12.4	11.4	70	9.9	9.0
14. AGE									
00-04 YEARS	5	3.2	3.2	1	1.8	1.1	4	3.9	4.3
05-14 YEARS	1	0.3	0.3	0	0.0	0.3	1	0.5	0.4
15-24 YEARS	3	0.8	0.9	3	1.9	0.8	0	0.0	1.0
25-34 YEARS	8	2.3	2.2	1	0.7	1.3	7	3.5	2.8
35-44 YEARS	7	2.2	2.7	2	1.4	1.2	5	2.8	4.0
45-54 YEARS	13	5.8	6.8	1	0.9	4.2	12	10.6	9.4
55-64 YEARS	28	12.4	14.7	14	12.8	11.5	14	12.0	17.6
65 AND OVER	194	53.7	54.2	104	56.7	53.5	90	50.6	55.0
15. PLACE OF DEATH									
HOSPITAL	153	59.1	57.7	67	53.2	54.1	86	64.7	60.5
OTHER INSTITUTION	54	20.8	19.0	31	24.6	22.5	23	17.3	16.1
HOME OR NON-INSTITUTION	52	20.1	23.4	28	22.2	23.4	24	18.0	23.4
16. OCCURRENCE									
TOTAL	299	0.5	0.6	148	0.3	0.4	151	1.1	1.2
TO RESIDENTS	176	58.9	61.7	91	61.5	59.1	85	56.3	64.0
OTHER EVENTS									
17. MARRIAGES	193	8.2	7.3						
18. DIVORCES AND ANNULMENTS	96	4.1	4.3						

* SEE DEFINITIONS AND FORMULAS (SECTION VII)

SELECTED VITAL STATISTICS FOR 1989 AND 1985-1989

HOKE COUNTY

	TOTAL			WHITE			NONWHITE		
ITEM	NUMBER 1989	RATE* 1989	RATE* 85-89	NUMBER 1989	RATE* 1989	RATE* 85-89	NUMBER 1989	RATE* 1989	RATE* 85-89
POPULATION									
1. TOTAL	24249	0.4	0.4	10405	0.2	0.2	13844	0.9	0.9
MALES	11644	48.0	48.4	5096	49.0	49.2	6548	47.3	47.7
FEMALES	12605	52.0	51.6	5309	51.0	50.8	7296	52.7	52.3
2. NATURAL INCREASE	268	11.1	9.7	72	6.9	5.8	196	14.2	12.7
LIVE BIRTHS									
3. TOTAL	460	19.0	16.5	156	15.0	13.6	304	22.0	18.7
MALES	216	8.9	8.4	75	7.2	7.1	141	10.2	9.4
FEMALES	244	10.1	8.1	81	7.8	6.5	163	11.8	9.3
4. ATTENDANT									
PHYSICIAN IN HOSPITAL	459	99.8	99.8	156	100.0	99.9	303	99.7	99.8
PHYSICIAN NOT IN HOSPITAL	0	0.0	0.1	0	0.0	0.1	0	0.0	0.1
CERTIFIED NURSE MIDWIFE	0	0.0	0.0	0	0.0	0.0	0	0.0	0.0
OTHER ATTENDANT	1	0.2	0.1	0	0.0	0.0	1	0.3	0.2
5. PREMATURE BIRTHS	35	7.6	8.1	11	7.1	6.7	24	7.9	8.8
6. OUT OF WEDLOCK	234	50.9	43.3	24	15.4	11.7	210	69.1	60.5
7. OCCURRENCE									
TOTAL	0	0.0	0.0	0	0.0	0.0	0	0.0	0.0
TO RESIDENTS	0		100.0	0		100.0	0		100.0
FETAL & INFANT MORTALITY									
8. PERINATAL DEATHS	5	10.8	13.8	0	0.0	13.0	5	16.4	14.2
9. FETAL DEATHS	1	2.2	6.6	0	0.0	7.2	1	3.3	6.3
ATTENDANT									
PHYSICIAN IN HOSPITAL	1	100.0	100.0	0		100.0	1	100.0	100.0
PHYSICIAN NOT IN HOSPITAL	0	0.0	0.0	0		0.0	0	0.0	0.0
CERTIFIED NURSE MIDWIFE	0	0.0	0.0	0		0.0	0	0.0	0.0
OTHER ATTENDANT	0	0.0	0.0	0		0.0	0	0.0	0.0
OUT OF WEDLOCK	0	0.0	46.2	0		0.0	0	0.0	75.0
10. NEONATAL (UNDER 28 DAYS)	4	8.7	7.2	0	0.0	5.8	4	13.2	7.9
11. POSTNEONATAL (28 DAYS - 1 YEAR)	2	4.4	2.6	0	0.0	0.0	2	6.7	4.0
12. INFANT DEATHS (UNDER 1 YEAR)	6	13.0	9.8	0	0.0	5.8	6	19.7	11.9
DEATHS (EXCLUDING FETALS)									
13. TOTAL	192	7.9	6.8	84	8.1	7.8	108	7.8	6.0
MALES	109	9.4	7.8	53	10.4	9.0	56	8.6	6.9
FEMALES	83	6.6	5.8	31	5.8	6.7	52	7.1	5.1
14. AGE									
00-04 YEARS	6	2.8	2.1	0	0.0	1.3	6	4.3	2.4
05-14 YEARS	2	0.5	0.3	0	0.0	0.1	2	0.7	0.4
15-24 YEARS	3	0.7	0.8	1	0.7	0.5	2	0.8	1.0
25-34 YEARS	6	1.5	0.9	1	0.6	0.6	5	2.1	1.1
35-44 YEARS	8	2.4	2.7	5	3.4	2.1	3	1.6	3.2
45-54 YEARS	15	6.6	6.1	5	4.1	5.6	10	9.4	6.7
55-64 YEARS	39	21.3	16.0	17	16.6	15.1	22	27.2	17.0
65 AND OVER	113	50.4	46.2	55	43.3	43.8	58	59.7	49.3
15. PLACE OF DEATH									
HOSPITAL	110	57.3	56.9	49	58.3	54.7	61	56.5	59.2
OTHER INSTITUTION	29	15.1	14.6	15	17.9	16.7	14	13.0	12.6
HOME OR NON-INSTITUTION	53	27.6	28.4	20	23.8	28.6	33	30.6	28.2
16. OCCURRENCE									
TOTAL	86	0.1	0.1	38	0.1	0.1	48	0.3	0.3
TO RESIDENTS	63	73.3	75.3	24	63.2	75.1	39	81.3	75.6
OTHER EVENTS									
17. MARRIAGES	82	3.4	3.8						
18. DIVORCES AND ANNULMENTS	53	2.2	1.7						

* SEE DEFINITIONS AND FORMULAS (SECTION VII)

SELECTED VITAL STATISTICS FOR 1989 AND 1985-1989

HYDE COUNTY

ITEM	TOTAL			WHITE			NONWHITE		
	NUMBER 1989	RATE* 1989	RATE* 85-89	NUMBER 1989	RATE* 1989	RATE* 85-89	NUMBER 1989	RATE* 1989	RATE* 85-89
POPULATION									
1. TOTAL	5678	0.1	0.1	3998	0.1	0.1	1680	0.1	0.1
MALES	2764	48.7	48.7	1999	50.0	49.9	765	45.5	46.1
FEMALES	2914	51.3	51.3	1999	50.0	50.1	915	54.5	53.9
2. NATURAL INCREASE	10	1.8	-0.1	-1	-0.3	-1.9	11	6.5	3.8
LIVE BIRTHS									
3. TOTAL	74	13.0	11.6	40	10.0	10.0	34	20.2	15.4
MALES	45	7.9	6.4	22	5.5	5.5	23	13.7	8.4
FEMALES	29	5.1	5.3	18	4.5	4.5	11	6.5	7.0
4. ATTENDANT									
PHYSICIAN IN HOSPITAL	67	90.5	95.9	33	82.5	94.5	34	100.0	97.8
PHYSICIAN NOT IN HOSPITAL	2	2.7	1.8	2	5.0	1.5	0	0.0	2.2
CERTIFIED NURSE MIDWIFE	3	4.1	1.5	3	7.5	2.5	0	0.0	0.0
OTHER ATTENDANT	2	2.7	0.9	2	5.0	1.5	0	0.0	0.0
5. PREMATURE BIRTHS	6	8.1	10.7	3	7.5	7.0	3	8.8	15.8
6. OUT OF WEDLOCK	30	40.5	28.4	6	15.0	6.0	24	70.6	60.4
7. OCCURRENCE									
TOTAL	4	0.0	0.0	4	0.0	0.0	0	0.0	0.0
TO RESIDENTS	4	100.0	100.0	4	100.0	100.0	0		100.0
FETAL & INFANT MORTALITY									
8. PERINATAL DEATHS	3	39.5	32.0	2	48.8	24.8	1	28.6	42.3
9. FETAL DEATHS	2	26.3	17.4	1	24.4	14.9	1	28.6	21.1
ATTENDANT									
PHYSICIAN IN HOSPITAL	2	100.0	100.0	1	100.0	100.0	1	100.0	100.0
PHYSICIAN NOT IN HOSPITAL	0	0.0	0.0	0	0.0	0.0	0	0.0	0.0
CERTIFIED NURSE MIDWIFE	0	0.0	0.0	0	0.0	0.0	0	0.0	0.0
OTHER ATTENDANT	0	0.0	0.0	0	0.0	0.0	0	0.0	0.0
OUT OF WEDLOCK	0	0.0	33.3	0	0.0	0.0	0	0.0	66.7
10. NEONATAL (UNDER 28 DAYS)	1	13.5	14.8	1	25.0	10.1	0	0.0	21.6
11. POSTNEONATAL (28 DAYS - 1 YEAR)	0	0.0	0.0	0	0.0	0.0	0	0.0	0.0
12. INFANT DEATHS (UNDER 1 YEAR)	1	13.5	14.8	1	25.0	10.1	0	0.0	21.6
DEATHS (EXCLUDING FETALS)									
13. TOTAL	64	11.3	11.8	41	10.3	11.9	23	13.7	11.6
MALES	41	14.8	13.7	27	13.5	13.1	14	18.3	15.1
FEMALES	23	7.9	9.9	14	7.0	10.6	9	9.8	8.6
14. AGE									
00-04 YEARS	1	2.5	2.8	1	3.3	1.3	0	0.0	6.8
05-14 YEARS	0	0.0	0.7	0	0.0	0.7	0	0.0	0.7
15-24 YEARS	2	2.4	1.8	2	3.7	1.4	0	0.0	2.4
25-34 YEARS	2	2.2	1.3	1	1.5	0.9	1	3.9	2.1
35-44 YEARS	3	4.0	3.2	1	1.8	2.7	2	10.9	4.4
45-54 YEARS	2	3.7	9.9	1	2.6	8.9	1	6.4	12.4
55-64 YEARS	7	13.3	16.9	5	13.3	16.1	2	13.5	18.8
65 AND OVER	47	52.8	51.9	30	47.5	53.6	17	65.9	47.8
15. PLACE OF DEATH									
HOSPITAL	35	54.7	55.8	20	48.8	54.0	15	65.2	60.0
OTHER INSTITUTION	15	23.4	19.9	11	26.8	18.6	4	17.4	22.9
HOME OR NON-INSTITUTION	14	21.9	24.3	10	24.4	27.4	4	17.4	17.1
16. OCCURRENCE									
TOTAL	17	0.0	0.0	11	0.0	0.0	6	0.0	0.0
TO RESIDENTS	17	100.0	85.1	11	100.0	81.4	6	100.0	96.4
OTHER EVENTS									
17. MARRIAGES	56	9.9	10.7						
18. DIVORCES AND ANNULMENTS	14	2.5	2.8						

* SEE DEFINITIONS AND FORMULAS (SECTION VII)

SELECTED VITAL STATISTICS FOR 1989 AND 1985-1989

IREDELL COUNTY

	TOTAL			WHITE			NONWHITE		
	NUMBER	RATE*		NUMBER	RATE*		NUMBER	RATE*	
ITEM	1989	1989	85-89	1989	1989	85-89	1989	1989	85-89
POPULATION									
1. TOTAL	92552	1.4	1.4	76399	1.5	1.5	16153	1.0	1.0
MALES	44495	48.1	48.1	36898	48.3	48.3	7597	47.0	47.3
FEMALES	48057	51.9	51.9	39501	51.7	51.7	8556	53.0	52.7
2. NATURAL INCREASE	508	5.5	4.3	299	3.9	3.0	209	12.9	10.7
LIVE BIRTHS									
3. TOTAL	1398	15.1	13.6	1041	13.6	12.4	357	22.1	19.3
MALES	718	7.8	6.9	543	7.1	6.3	175	10.8	9.6
FEMALES	680	7.3	6.7	498	6.5	6.1	182	11.3	9.7
4. ATTENDANT									
PHYSICIAN IN HOSPITAL	1389	99.4	99.7	1032	99.1	99.7	357	100.0	99.7
PHYSICIAN NOT IN HOSPITAL	3	0.2	0.1	3	0.3	0.1	0	0.0	0.1
CERTIFIED NURSE MIDWIFE	3	0.2	0.1	3	0.3	0.1	0	0.0	0.0
OTHER ATTENDANT	3	0.2	0.1	3	0.3	0.1	0	0.0	0.1
5. PREMATURE BIRTHS	111	7.9	7.9	65	6.2	6.2	46	12.9	13.0
6. OUT OF WEDLOCK	384	27.5	25.9	137	13.2	12.0	247	69.2	67.6
7. OCCURRENCE									
TOTAL	1561	1.5	1.4	1201	1.7	1.6	360	1.1	1.0
TO RESIDENTS	1213	77.7	79.3	888	73.9	75.9	325	90.3	90.6
FETAL & INFANT MORTALITY									
8. PERINATAL DEATHS	25	17.7	15.1	19	18.0	13.3	6	16.6	20.6
9. FETAL DEATHS	17	12.0	8.3	13	12.3	6.5	4	11.1	13.5
ATTENDANT									
PHYSICIAN IN HOSPITAL	16	94.1	96.1	13	100.0	100.0	3	75.0	90.5
PHYSICIAN NOT IN HOSPITAL	1	5.9	3.9	0	0.0	0.0	1	25.0	9.5
CERTIFIED NURSE MIDWIFE	0	0.0	0.0	0	0.0	0.0	0	0.0	0.0
OTHER ATTENDANT	0	0.0	0.0	0	0.0	0.0	0	0.0	0.0
OUT OF WEDLOCK	8	47.1	47.1	4	30.8	23.3	4	100.0	81.0
10. NEONATAL (UNDER 28 DAYS)	8	5.7	6.9	6	5.8	6.8	2	5.6	7.2
11. POSTNEONATAL (28 DAYS - 1 YEAR)	1	0.7	5.9	1	1.0	5.7	0	0.0	6.6
12. INFANT DEATHS (UNDER 1 YEAR)	9	6.4	12.8	7	6.7	12.5	2	5.6	13.7
DEATHS (EXCLUDING FETALS)									
13. TOTAL	890	9.6	9.2	742	9.7	9.4	148	9.2	8.6
MALES	452	10.2	10.1	375	10.2	10.1	77	10.1	10.0
FEMALES	438	9.1	8.4	367	9.3	8.7	71	8.3	7.3
14. AGE									
00-04 YEARS	15	2.5	3.4	11	2.4	3.2	4	2.9	3.9
05-14 YEARS	5	0.4	0.3	1	0.1	0.3	4	1.3	0.4
15-24 YEARS	18	1.3	1.4	16	1.5	1.4	2	0.7	1.2
25-34 YEARS	24	1.6	1.8	18	1.5	1.6	6	2.2	2.7
35-44 YEARS	36	2.7	2.3	27	2.4	1.9	9	4.3	4.7
45-54 YEARS	45	4.3	4.8	30	3.3	4.1	15	11.1	9.0
55-64 YEARS	107	11.7	11.7	91	11.2	10.8	16	15.1	18.0
65 AND OVER	640	50.7	49.0	548	49.1	48.1	92	62.9	55.6
15. PLACE OF DEATH									
HOSPITAL	597	67.1	66.9	500	67.4	66.3	97	65.5	69.9
OTHER INSTITUTION	143	16.1	15.5	122	16.4	16.2	21	14.2	11.7
HOME OR NON-INSTITUTION	150	16.9	17.7	120	16.2	17.5	30	20.3	18.4
16. OCCURRENCE									
TOTAL	816	1.4	1.3	695	1.6	1.5	121	0.9	0.9
TO RESIDENTS	701	85.9	85.7	587	84.5	84.6	114	94.2	91.8
OTHER EVENTS									
17. MARRIAGES	753	8.1	8.4						
18. DIVORCES AND ANNULMENTS	416	4.5	4.1						

* SEE DEFINITIONS AND FORMULAS (SECTION VII)

SELECTED VITAL STATISTICS FOR 1989 AND 1985-1989

JACKSON COUNTY

ITEM	TOTAL			WHITE			NONWHITE		
	NUMBER 1989	RATE* 1989	RATE* 85-89	NUMBER 1989	RATE* 1989	RATE* 85-89	NUMBER 1989	RATE* 1989	RATE* 85-89
POPULATION									
1. TOTAL	27392	0.4	0.4	24178	0.5	0.5	3214	0.2	0.2
MALES	13144	48.0	48.2	11602	48.0	48.2	1542	48.0	48.6
FEMALES	14248	52.0	51.8	12576	52.0	51.8	1672	52.0	51.4
2. NATURAL INCREASE	62	2.3	2.2	29	1.2	1.2	33	10.3	9.7
LIVE BIRTHS									
3. TOTAL	306	11.2	10.5	242	10.0	9.7	64	19.9	16.5
MALES	150	5.5	5.2	120	5.0	4.8	30	9.3	8.2
FEMALES	156	5.7	5.3	122	5.0	4.9	34	10.6	8.3
4. ATTENDANT									
PHYSICIAN IN HOSPITAL	305	99.7	99.3	241	99.6	99.3	64	100.0	99.2
PHYSICIAN NOT IN HOSPITAL	0	0.0	0.0	0	0.0	0.0	0	0.0	0.0
CERTIFIED NURSE MIDWIFE	0	0.0	0.2	0	0.0	0.2	0	0.0	0.4
OTHER ATTENDANT	1	0.3	0.5	1	0.4	0.5	0	0.0	0.4
5. PREMATURE BIRTHS	23	7.5	6.3	14	5.8	5.7	9	14.1	8.7
6. OUT OF WEDLOCK	55	18.0	14.9	28	11.6	10.2	27	42.2	35.4
7. OCCURRENCE									
TOTAL	941	0.9	0.7	746	1.1	0.8	195	0.6	0.4
TO RESIDENTS	289	30.7	37.3	226	30.3	38.8	63	32.3	31.5
FETAL & INFANT MORTALITY									
8. PERINATAL DEATHS	5	16.2	18.2	4	16.4	14.6	1	15.6	33.6
9. FETAL DEATHS	2	6.5	9.1	2	8.2	6.9	0	0.0	18.7
ATTENDANT									
PHYSICIAN IN HOSPITAL	2	100.0	100.0	2	100.0	100.0	0		100.0
PHYSICIAN NOT IN HOSPITAL	0	0.0	0.0	0	0.0	0.0	0		0.0
CERTIFIED NURSE MIDWIFE	0	0.0	0.0	0	0.0	0.0	0		0.0
OTHER ATTENDANT	0	0.0	0.0	0	0.0	0.0	0		0.0
OUT OF WEDLOCK	0	0.0	23.1	0	0.0	37.5	0		0.0
10. NEONATAL (UNDER 28 DAYS)	3	9.8	9.2	2	8.3	7.8	1	15.6	15.2
11. POSTNEONATAL (28 DAYS - 1 YEAR)	1	3.3	3.6	0	0.0	3.5	1	15.9	3.9
12. INFANT DEATHS (UNDER 1 YEAR)	4	13.1	12.7	2	8.3	11.3	2	31.3	19.0
DEATHS (EXCLUDING FETALS)									
13. TOTAL	244	8.9	8.3	213	8.8	8.5	31	9.6	6.8
MALES	135	10.3	9.3	118	10.2	9.6	17	11.0	7.5
FEMALES	109	7.7	7.3	95	7.6	7.5	14	8.4	6.2
14. AGE									
00-04 YEARS	5	3.4	2.9	3	2.5	2.5	2	7.7	4.6
05-14 YEARS	0	0.0	0.3	0	0.0	0.2	0	0.0	1.1
15-24 YEARS	6	0.9	0.8	5	0.9	0.8	1	1.4	0.8
25-34 YEARS	9	2.1	1.3	8	2.2	1.2	1	1.8	1.5
35-44 YEARS	7	1.9	2.4	5	1.6	2.0	2	5.0	5.2
45-54 YEARS	17	6.2	4.8	12	4.9	4.4	5	17.6	8.1
55-64 YEARS	27	12.0	11.3	22	10.8	11.3	5	24.6	11.1
65 AND OVER	173	51.7	50.4	158	50.6	50.1	15	65.5	54.0
15. PLACE OF DEATH									
HOSPITAL	135	55.3	57.6	120	56.3	56.9	15	48.4	64.2
OTHER INSTITUTION	53	21.7	18.9	46	21.6	19.2	7	22.6	16.5
HOME OR NON-INSTITUTION	56	23.0	23.4	47	22.1	23.9	9	29.0	19.3
16. OCCURRENCE									
TOTAL	227	0.4	0.3	206	0.5	0.4	21	0.1	0.1
TO RESIDENTS	169	74.4	77.2	150	72.8	77.0	19	90.5	80.4
OTHER EVENTS									
17. MARRIAGES	226	8.3	8.0						
18. DIVORCES AND ANNULMENTS	79	2.9	3.4						

* SEE DEFINITIONS AND FORMULAS (SECTION VII)

SELECTED VITAL STATISTICS FOR 1989 AND 1985-1989

JOHNSTON COUNTY

	TOTAL			WHITE			NONWHITE		
ITEM	NUMBER 1989	RATE* 1989	RATE* 85-89	NUMBER 1989	RATE* 1989	RATE* 85-89	NUMBER 1989	RATE* 1989	RATE* 85-89
POPULATION									
1. TOTAL	81510	1.2	1.2	66511	1.3	1.3	14999	0.9	1.0
MALES	39010	47.9	47.9	32108	48.3	48.3	6902	46.0	46.4
FEMALES	42500	52.1	52.1	34403	51.7	51.7	8097	54.0	53.6
2. NATURAL INCREASE	482	5.9	4.6	307	4.6	3.6	175	11.7	9.0
LIVE BIRTHS									
3. TOTAL	1255	15.4	14.1	935	14.1	12.9	320	21.3	19.0
MALES	683	8.4	7.2	517	7.8	6.7	166	11.1	9.5
FEMALES	572	7.0	6.9	418	6.3	6.2	154	10.3	9.5
4. ATTENDANT									
PHYSICIAN IN HOSPITAL	1234	98.3	98.6	916	98.0	98.4	318	99.4	99.2
PHYSICIAN NOT IN HOSPITAL	3	0.2	0.2	2	0.2	0.1	1	0.3	0.4
CERTIFIED NURSE MIDWIFE	15	1.2	0.9	15	1.6	1.2	0	0.0	0.1
OTHER ATTENDANT	3	0.2	0.3	2	0.2	0.3	1	0.3	0.3
5. PREMATURE BIRTHS	114	9.1	8.0	69	7.4	6.5	45	14.1	12.6
6. OUT OF WEDLOCK	344	27.4	24.4	120	12.8	11.4	224	70.0	62.3
7. OCCURRENCE									
TOTAL	511	0.5	0.5	319	0.5	0.5	192	0.6	0.6
TO RESIDENTS	490	95.9	93.4	305	95.6	92.0	185	96.4	95.7
FETAL & INFANT MORTALITY									
8. PERINATAL DEATHS	16	12.7	13.7	12	12.7	12.0	4	12.5	18.7
9. FETAL DEATHS	9	7.1	8.0	8	8.5	7.4	1	3.1	9.7
ATTENDANT									
PHYSICIAN IN HOSPITAL	8	88.9	95.6	7	87.5	93.5	1	100.0	100.0
PHYSICIAN NOT IN HOSPITAL	0	0.0	0.0	0	0.0	0.0	0	0.0	0.0
CERTIFIED NURSE MIDWIFE	0	0.0	0.0	0	0.0	0.0	0	0.0	0.0
OTHER ATTENDANT	1	11.1	4.4	1	12.5	6.5	0	0.0	0.0
OUT OF WEDLOCK	3	33.3	37.8	2	25.0	22.6	1	100.0	71.4
10. NEONATAL (UNDER 28 DAYS)	7	5.6	5.7	4	4.3	4.6	3	9.4	9.1
11. POSTNEONATAL (28 DAYS - 1 YEAR)	5	4.0	5.0	5	5.4	5.1	0	0.0	4.9
12. INFANT DEATHS (UNDER 1 YEAR)	12	9.6	10.8	9	9.6	9.6	3	9.4	14.0
DEATHS (EXCLUDING FETALS)									
13. TOTAL	773	9.5	9.4	628	9.4	9.3	145	9.7	10.0
MALES	419	10.7	11.0	335	10.4	10.6	84	12.2	12.6
FEMALES	354	8.3	8.0	293	8.5	8.1	61	7.5	7.7
14. AGE									
00-04 YEARS	14	2.5	2.6	10	2.4	2.2	4	3.1	3.8
05-14 YEARS	1	0.1	0.3	1	0.1	0.3	0	0.0	0.2
15-24 YEARS	8	0.7	1.2	7	0.7	1.1	1	0.4	1.5
25-34 YEARS	20	1.6	1.4	14	1.4	1.2	6	2.6	2.0
35-44 YEARS	30	2.4	2.9	19	1.8	2.3	11	5.2	5.9
45-54 YEARS	59	6.3	6.4	47	5.8	5.4	12	9.1	12.1
55-64 YEARS	126	16.2	15.2	100	15.1	14.2	26	23.1	20.9
65 AND OVER	515	49.1	49.9	430	48.9	49.4	85	50.6	52.3
15. PLACE OF DEATH									
HOSPITAL	510	66.0	63.0	416	66.2	62.2	94	64.8	66.0
OTHER INSTITUTION	114	14.7	15.5	91	14.5	15.9	23	15.9	14.2
HOME OR NON-INSTITUTION	149	19.3	21.5	121	19.3	22.0	28	19.3	19.7
16. OCCURRENCE									
TOTAL	523	0.9	0.9	419	1.0	0.9	104	0.7	0.8
TO RESIDENTS	463	88.5	89.2	376	89.7	90.3	87	83.7	85.0
OTHER EVENTS									
17. MARRIAGES	613	7.5	7.9						
18. DIVORCES AND ANNULMENTS	389	4.8	5.0						

* SEE DEFINITIONS AND FORMULAS (SECTION VII)

SELECTED VITAL STATISTICS FOR 1989 AND 1985-1989

JONES COUNTY

	TOTAL			WHITE			NONWHITE		
ITEM	NUMBER 1989	RATE* 1989	RATE* 85-89	NUMBER 1989	RATE* 1989	RATE* 85-89	NUMBER 1989	RATE* 1989	RATE* 85-89
POPULATION									
1. TOTAL	9922	0.2	0.2	5785	0.1	0.1	4137	0.3	0.3
MALES	4519	45.5	46.0	2709	46.8	47.0	1810	43.8	44.5
FEMALES	5403	54.5	54.0	3076	53.2	53.0	2327	56.2	55.5
2. NATURAL INCREASE	74	7.5	4.6	49	8.5	5.8	25	6.0	2.9
LIVE BIRTHS									
3. TOTAL	151	15.2	13.9	93	16.1	14.4	58	14.0	13.2
MALES	77	7.8	6.9	44	7.6	6.9	33	8.0	6.8
FEMALES	74	7.5	7.0	49	8.5	7.5	25	6.0	6.5
4. ATTENDANT									
PHYSICIAN IN HOSPITAL	144	95.4	94.5	88	94.6	93.9	56	96.6	95.3
PHYSICIAN NOT IN HOSPITAL	3	2.0	0.9	2	2.2	1.2	1	1.7	0.4
CERTIFIED NURSE MIDWIFE	4	2.6	4.1	3	3.2	4.2	1	1.7	4.0
OTHER ATTENDANT	0	0.0	0.6	0	0.0	0.7	0	0.0	0.4
5. PREMATURE BIRTHS	9	6.0	7.6	4	4.3	6.4	5	8.6	9.4
6. OUT OF WEDLOCK	44	29.1	25.8	15	16.1	11.2	29	50.0	47.1
7. OCCURRENCE									
TOTAL	3	0.0	0.0	2	0.0	0.0	1	0.0	0.0
TO RESIDENTS	3	100.0	100.0	2	100.0	100.0	1	100.0	100.0
FETAL & INFANT MORTALITY									
8. PERINATAL DEATHS	4	26.0	27.3	2	21.3	14.6	2	33.3	45.6
9. FETAL DEATHS	3	19.5	14.3	1	10.6	7.3	2	33.3	24.6
ATTENDANT									
PHYSICIAN IN HOSPITAL	2	66.7	80.0	0	0.0	66.7	2	100.0	85.7
PHYSICIAN NOT IN HOSPITAL	1	33.3	10.0	1	100.0	33.3	0	0.0	0.0
CERTIFIED NURSE MIDWIFE	0	0.0	0.0	0	0.0	0.0	0	0.0	0.0
OTHER ATTENDANT	0	0.0	10.0	0	0.0	0.0	0	0.0	14.3
OUT OF WEDLOCK	2	66.7	70.0	0	0.0	33.3	2	100.0	85.7
10. NEONATAL (UNDER 28 DAYS)	1	6.6	13.1	1	10.8	7.3	0	0.0	21.6
11. POSTNEONATAL (28 DAYS - 1 YEAR)	1	6.7	2.9	1	10.9	2.5	0	0.0	3.7
12. INFANT DEATHS (UNDER 1 YEAR)	2	13.2	16.0	2	21.5	9.8	0	0.0	25.2
DEATHS (EXCLUDING FETALS)									
13. TOTAL	77	7.8	9.3	44	7.6	8.6	33	8.0	10.3
MALES	44	9.7	11.7	27	10.0	11.2	17	9.4	12.4
FEMALES	33	6.1	7.3	17	5.5	6.3	16	6.9	8.6
14. AGE									
00-04 YEARS	3	4.0	3.2	3	7.4	2.6	0	0.0	4.0
05-14 YEARS	0	0.0	0.1	0	0.0	0.3	0	0.0	0.0
15-24 YEARS	2	1.4	1.2	1	1.3	0.8	1	1.6	1.8
25-34 YEARS	1	0.6	1.8	0	0.0	1.4	1	1.5	2.3
35-44 YEARS	0	0.0	2.2	0	0.0	2.2	0	0.0	2.1
45-54 YEARS	5	5.0	6.9	1	1.6	4.9	4	11.0	10.0
55-64 YEARS	12	13.1	13.8	7	12.8	11.5	5	13.6	17.2
65 AND OVER	54	37.3	45.0	32	35.4	40.0	22	40.5	53.2
15. PLACE OF DEATH									
HOSPITAL	55	71.4	68.5	31	70.5	66.9	24	72.7	70.4
OTHER INSTITUTION	7	9.1	11.7	0	0.0	10.2	7	21.2	13.4
HOME OR NON-INSTITUTION	15	19.5	19.7	13	29.5	22.9	2	6.1	16.2
16. OCCURRENCE									
TOTAL	18	0.0	0.0	15	0.0	0.0	3	0.0	0.1
TO RESIDENTS	16	88.9	84.6	13	86.7	79.2	3	100.0	93.3
OTHER EVENTS									
17. MARRIAGES	77	7.8	7.3						
18. DIVORCES AND ANNULMENTS	23	2.3	2.4						

* SEE DEFINITIONS AND FORMULAS (SECTION VII)

SELECTED VITAL STATISTICS FOR 1989 AND 1985-1989

LEE COUNTY

ITEM	TOTAL			WHITE			NONWHITE		
	NUMBER	RATE*		NUMBER	RATE*		NUMBER	RATE*	
	1989	1989	85-89	1989	1989	85-89	1989	1989	85-89
POPULATION									
1. TOTAL	42482	0.6	0.6	33502	0.7	0.7	8980	0.6	0.6
MALES	20093	47.3	47.4	15958	47.6	47.7	4135	46.0	46.4
FEMALES	22389	52.7	52.6	17544	52.4	52.3	4845	54.0	53.6
2. NATURAL INCREASE	265	6.2	6.0	165	4.9	4.6	100	11.1	10.9
LIVE BIRTHS									
3. TOTAL	650	15.3	15.0	444	13.3	13.2	206	22.9	21.4
MALES	342	8.1	7.6	241	7.2	6.7	101	11.2	10.8
FEMALES	308	7.3	7.4	203	6.1	6.5	105	11.7	10.7
4. ATTENDANT									
PHYSICIAN IN HOSPITAL	645	99.2	98.9	439	98.9	98.6	206	100.0	99.5
PHYSICIAN NOT IN HOSPITAL	0	0.0	0.1	0	0.0	0.0	0	0.0	0.2
CERTIFIED NURSE MIDWIFE	5	0.8	1.0	5	1.1	1.3	0	0.0	0.3
OTHER ATTENDANT	0	0.0	0.0	0	0.0	0.0	0	0.0	0.0
5. PREMATURE BIRTHS	62	9.5	8.2	27	6.1	5.6	35	17.0	14.1
6. OUT OF WEDLOCK	211	32.5	27.0	72	16.2	12.5	139	67.5	59.2
7. OCCURRENCE									
TOTAL	842	0.8	0.8	577	0.8	0.8	265	0.8	0.7
TO RESIDENTS	374	44.4	49.4	270	46.8	51.4	104	39.2	44.8
FETAL & INFANT MORTALITY									
8. PERINATAL DEATHS	9	13.8	16.9	2	4.5	10.2	7	33.5	31.7
9. FETAL DEATHS	4	6.1	8.0	1	2.2	5.1	3	14.4	14.3
ATTENDANT									
PHYSICIAN IN HOSPITAL	4	100.0	100.0	1	100.0	100.0	3	100.0	100.0
PHYSICIAN NOT IN HOSPITAL	0	0.0	0.0	0	0.0	0.0	0	0.0	0.0
CERTIFIED NURSE MIDWIFE	0	0.0	0.0	0	0.0	0.0	0	0.0	0.0
OTHER ATTENDANT	0	0.0	0.0	0	0.0	0.0	0	0.0	0.0
OUT OF WEDLOCK	3	75.0	60.0	0	0.0	27.3	3	100.0	85.7
10. NEONATAL (UNDER 28 DAYS)	5	7.7	9.0	1	2.3	5.1	4	19.4	17.6
11. POSTNEONATAL (28 DAYS - 1 YEAR)	5	7.8	3.9	4	9.0	3.3	1	5.0	5.3
12. INFANT DEATHS (UNDER 1 YEAR)	10	15.4	12.9	5	11.3	8.4	5	24.3	22.8
DEATHS (EXCLUDING FETALS)									
13. TOTAL	385	9.1	9.0	279	8.3	8.6	106	11.8	10.6
MALES	183	9.1	10.0	135	8.5	9.4	48	11.6	12.3
FEMALES	202	9.0	8.1	144	8.2	7.8	58	12.0	9.1
14. AGE									
00-04 YEARS	13	4.2	3.2	7	3.1	2.2	6	7.6	6.2
05-14 YEARS	2	0.3	0.4	2	0.5	0.4	0	0.0	0.4
15-24 YEARS	8	1.3	1.2	6	1.3	1.2	2	1.4	1.2
25-34 YEARS	12	1.6	1.7	6	1.0	1.3	6	4.0	3.1
35-44 YEARS	15	2.4	2.8	9	1.8	1.9	6	4.8	6.6
45-54 YEARS	27	5.8	5.4	20	5.3	4.8	7	8.6	8.1
55-64 YEARS	66	16.7	16.3	47	14.4	14.3	19	28.1	25.7
65 AND OVER	242	47.3	49.4	182	43.3	47.4	60	65.7	58.0
15. PLACE OF DEATH									
HOSPITAL	225	58.4	56.1	162	58.1	55.3	63	59.4	58.6
OTHER INSTITUTION	91	23.6	21.1	68	24.4	21.8	23	21.7	19.3
HOME OR NON-INSTITUTION	69	17.9	22.7	49	17.6	23.0	20	18.9	22.1
16. OCCURRENCE									
TOTAL	365	0.6	0.6	262	0.6	0.6	103	0.7	0.6
TO RESIDENTS	281	77.0	75.0	204	77.9	76.1	77	74.8	71.8
OTHER EVENTS									
17. MARRIAGES	318	7.5	7.7						
18. DIVORCES AND ANNULMENTS	241	5.7	5.8						

* SEE DEFINITIONS AND FORMULAS (SECTION VII)

SELECTED VITAL STATISTICS FOR 1989 AND 1985-1989

LENOIR COUNTY

	TOTAL			WHITE			NONWHITE		
ITEM	NUMBER 1989	RATE* 1989	RATE* 85-89	NUMBER 1989	RATE* 1989	RATE* 85-89	NUMBER 1989	RATE* 1989	RATE* 85-89
POPULATION									
1. TOTAL	59996	0.9	0.9	36724	0.7	0.8	23272	1.5	1.5
MALES	27987	46.6	46.8	17635	48.0	48.0	10352	44.5	45.0
FEMALES	32009	53.4	53.2	19089	52.0	52.0	12920	55.5	55.0
2. NATURAL INCREASE	215	3.6	3.0	47	1.3	1.2	168	7.2	5.7
LIVE BIRTHS									
3. TOTAL	823	13.7	13.2	428	11.7	11.2	395	17.0	16.2
MALES	421	7.0	6.7	221	6.0	5.8	200	8.6	8.2
FEMALES	402	6.7	6.4	207	5.6	5.4	195	8.4	8.0
4. ATTENDANT									
PHYSICIAN IN HOSPITAL	815	99.0	99.7	423	98.8	99.7	392	99.2	99.7
PHYSICIAN NOT IN HOSPITAL	1	0.1	0.1	1	0.2	0.0	0	0.0	0.2
CERTIFIED NURSE MIDWIFE	4	0.5	0.1	3	0.7	0.2	1	0.3	0.1
OTHER ATTENDANT	3	0.4	0.1	1	0.2	0.1	2	0.5	0.1
5. PREMATURE BIRTHS	82	10.0	10.2	30	7.0	6.7	52	13.2	14.0
6. OUT OF WEDLOCK	298	36.2	33.4	47	11.0	9.8	251	63.5	59.0
7. OCCURRENCE									
TOTAL	843	0.8	0.9	469	0.7	0.7	374	1.1	1.2
TO RESIDENTS	680	80.7	80.2	341	72.7	73.7	339	90.6	88.3
FETAL & INFANT MORTALITY									
8. PERINATAL DEATHS	12	14.5	19.2	3	7.0	15.8	9	22.6	22.9
9. FETAL DEATHS	6	7.2	11.0	2	4.7	11.5	4	10.0	10.4
ATTENDANT									
PHYSICIAN IN HOSPITAL	5	83.3	90.9	1	50.0	91.7	4	100.0	90.0
PHYSICIAN NOT IN HOSPITAL	0	0.0	2.3	0	0.0	0.0	0	0.0	5.0
CERTIFIED NURSE MIDWIFE	0	0.0	0.0	0	0.0	0.0	0	0.0	0.0
OTHER ATTENDANT	1	16.7	6.8	1	50.0	8.3	0	0.0	5.0
OUT OF WEDLOCK	3	50.0	38.6	0	0.0	8.3	3	75.0	75.0
10. NEONATAL (UNDER 28 DAYS)	6	7.3	8.3	1	2.3	4.4	5	12.7	12.6
11. POSTNEONATAL (28 DAYS - 1 YEAR)	4	4.9	5.6	2	4.7	3.9	2	5.1	7.4
12. INFANT DEATHS (UNDER 1 YEAR)	10	12.2	13.9	3	7.0	8.2	7	17.7	20.0
DEATHS (EXCLUDING FETALS)									
13. TOTAL	608	10.1	10.2	381	10.4	10.0	227	9.8	10.5
MALES	320	11.4	11.4	199	11.3	10.7	121	11.7	12.6
FEMALES	288	9.0	9.1	182	9.5	9.4	106	8.2	8.8
14. AGE									
00-04 YEARS	11	2.9	3.4	3	1.5	2.2	8	4.4	4.6
05-14 YEARS	4	0.5	0.3	1	0.2	0.3	3	0.7	0.4
15-24 YEARS	13	1.5	1.6	7	1.4	1.3	6	1.6	1.9
25-34 YEARS	24	2.5	1.9	12	2.1	1.4	12	3.1	2.5
35-44 YEARS	25	2.9	3.4	11	2.0	2.6	14	4.3	4.8
45-54 YEARS	36	5.6	6.4	22	4.8	5.1	14	7.3	9.4
55-64 YEARS	83	13.6	15.0	49	11.9	13.1	34	17.4	19.0
65 AND OVER	412	51.6	53.1	276	51.6	50.9	136	51.4	57.4
15. PLACE OF DEATH									
HOSPITAL	427	70.2	65.3	276	72.4	66.4	151	66.5	63.8
OTHER INSTITUTION	55	9.0	13.8	31	8.1	13.9	24	10.6	13.6
HOME OR NON-INSTITUTION	126	20.7	20.9	74	19.4	19.7	52	22.9	22.6
16. OCCURRENCE									
TOTAL	615	1.1	1.1	392	0.9	0.9	223	1.6	1.7
TO RESIDENTS	484	78.7	79.9	306	78.1	79.9	178	79.8	79.9
OTHER EVENTS									
17. MARRIAGES	506	8.4	8.4						
18. DIVORCES AND ANNULMENTS	284	4.7	5.0						

* SEE DEFINITIONS AND FORMULAS (SECTION VII)

SELECTED VITAL STATISTICS FOR 1989 AND 1985-1989

LINCOLN COUNTY

ITEM	TOTAL			WHITE			NONWHITE		
	NUMBER	RATE*		NUMBER	RATE*		NUMBER	RATE*	
	1989	1989	85-89	1989	1989	85-89	1989	1989	85-89
POPULATION									
1. TOTAL	49403	0.8	0.7	45267	0.9	0.9	4136	0.3	0.3
MALES	24102	48.8	48.8	22129	48.9	48.9	1973	47.7	47.9
FEMALES	25301	51.2	51.2	23138	51.1	51.1	2163	52.3	52.1
2. NATURAL INCREASE	309	6.3	5.9	251	5.5	5.2	58	14.0	12.5
LIVE BIRTHS									
3. TOTAL	699	14.1	13.8	608	13.4	13.3	91	22.0	19.8
MALES	341	6.9	7.1	301	6.6	6.9	40	9.7	9.5
FEMALES	358	7.2	6.7	307	6.8	6.4	51	12.3	10.3
4. ATTENDANT									
PHYSICIAN IN HOSPITAL	695	99.4	99.6	604	99.3	99.6	91	100.0	99.8
PHYSICIAN NOT IN HOSPITAL	0	0.0	0.1	0	0.0	0.1	0	0.0	0.0
CERTIFIED NURSE MIDWIFE	3	0.4	0.2	3	0.5	0.2	0	0.0	0.0
OTHER ATTENDANT	1	0.1	0.2	1	0.2	0.1	0	0.0	0.2
5. PREMATURE BIRTHS	39	5.6	6.5	31	5.1	6.0	8	8.8	9.8
6. OUT OF WEDLOCK	137	19.6	18.2	88	14.5	12.7	49	53.8	57.0
7. OCCURRENCE									
TOTAL	456	0.4	0.5	366	0.5	0.6	90	0.3	0.3
TO RESIDENTS	374	82.0	80.3	300	82.0	79.8	74	82.2	83.0
FETAL & INFANT MORTALITY									
8. PERINATAL DEATHS	5	7.1	10.3	4	6.6	9.7	1	11.0	14.6
9. FETAL DEATHS	2	2.9	4.8	2	3.3	4.8	0	0.0	4.9
ATTENDANT									
PHYSICIAN IN HOSPITAL	2	100.0	93.8	2	100.0	92.9	0		100.0
PHYSICIAN NOT IN HOSPITAL	0	0.0	6.3	0	0.0	7.1	0		0.0
CERTIFIED NURSE MIDWIFE	0	0.0	0.0	0	0.0	0.0	0		0.0
OTHER ATTENDANT	0	0.0	0.0	0	0.0	0.0	0		0.0
OUT OF WEDLOCK	0	0.0	18.8	0	0.0	14.3	0		50.0
10. NEONATAL (UNDER 28 DAYS)	3	4.3	5.5	2	3.3	4.9	1	11.0	9.8
11. POSTNEONATAL (28 DAYS - 1 YEAR)	3	4.3	3.1	2	3.3	3.1	1	11.1	2.5
12. INFANT DEATHS (UNDER 1 YEAR)	6	8.6	8.5	4	6.6	8.0	2	22.0	12.2
DEATHS (EXCLUDING FETALS)									
13. TOTAL	390	7.9	8.0	357	7.9	8.1	33	8.0	7.3
MALES	199	8.3	9.0	184	8.3	9.1	15	7.6	7.7
FEMALES	191	7.5	7.1	173	7.5	7.1	18	8.3	7.0
14. AGE									
00-04 YEARS	9	2.7	2.2	7	2.4	2.0	2	5.6	3.3
05-14 YEARS	0	0.0	0.3	0	0.0	0.3	0	0.0	0.5
15-24 YEARS	9	1.2	1.2	7	1.0	1.3	2	2.5	1.0
25-34 YEARS	15	1.8	1.2	14	1.9	1.1	1	1.5	1.8
35-44 YEARS	14	1.9	2.3	13	1.9	2.0	1	1.7	6.0
45-54 YEARS	24	4.2	4.9	20	3.8	4.8	4	12.5	6.4
55-64 YEARS	67	14.5	13.6	62	14.3	13.4	5	18.4	16.3
65 AND OVER	252	45.9	48.5	234	45.5	48.4	18	51.9	49.8
15. PLACE OF DEATH -									
HOSPITAL	239	61.3	69.1	217	60.8	68.8	22	66.7	72.8
OTHER INSTITUTION	76	19.5	15.9	72	20.2	16.1	4	12.1	13.2
HOME OR NON-INSTITUTION	75	19.2	15.0	68	19.0	15.1	7	21.2	13.9
16. OCCURRENCE									
TOTAL	300	0.5	0.5	282	0.6	0.6	18	0.1	0.2
TO RESIDENTS	260	86.7	84.7	244	86.5	84.6	16	88.9	86.7
OTHER EVENTS									
17. MARRIAGES	357	7.2	6.9						
18. DIVORCES AND ANNULMENTS	195	3.9	4.6						

* SEE DEFINITIONS AND FORMULAS (SECTION VII)

SELECTED VITAL STATISTICS FOR 1989 AND 1985-1989

MCDOWELL COUNTY

ITEM	TOTAL			WHITE			NONWHITE		
	NUMBER 1989	RATE* 1989	RATE* 85-89	NUMBER 1989	RATE* 1989	RATE* 85-89	NUMBER 1989	RATE* 1989	RATE* 85-89
POPULATION									
1. TOTAL	36429	0.6	0.6	34846	0.7	0.7	1583	0.1	0.1
MALES	17613	48.3	48.3	16899	48.5	48.5	714	45.1	45.6
FEMALES	18816	51.7	51.7	17947	51.5	51.5	869	54.9	54.4
2. NATURAL INCREASE	142	3.9	3.0	127	3.6	2.8	15	9.5	7.1
LIVE BIRTHS									
3. TOTAL	500	13.7	12.7	467	13.4	12.4	33	20.8	18.4
MALES	248	6.8	6.4	235	6.7	6.2	13	8.2	9.4
FEMALES	252	6.9	6.3	232	6.7	6.2	20	12.6	9.0
4. ATTENDANT									
PHYSICIAN IN HOSPITAL	497	99.4	99.2	464	99.4	99.2	33	100.0	100.0
PHYSICIAN NOT IN HOSPITAL	1	0.2	0.0	1	0.2	0.0	0	0.0	0.0
CERTIFIED NURSE MIDWIFE	1	0.2	0.3	1	0.2	0.4	0	0.0	0.0
OTHER ATTENDANT	1	0.2	0.4	1	0.2	0.4	0	0.0	0.0
5. PREMATURE BIRTHS	36	7.2	6.0	30	6.4	5.8	6	18.2	8.6
6. OUT OF WEDLOCK	117	23.4	19.1	99	21.2	16.9	18	54.5	51.0
7. OCCURRENCE									
TOTAL	331	0.3	0.3	306	0.4	0.4	25	0.1	0.1
TO RESIDENTS	311	94.0	94.7	286	93.5	94.6	25	100.0	95.7
FETAL & INFANT MORTALITY									
8. PERINATAL DEATHS	1	2.0	12.1	1	2.1	11.5	0	0.0	19.7
9. FETAL DEATHS	1	2.0	6.0	1	2.1	6.0	0	0.0	6.6
ATTENDANT									
PHYSICIAN IN HOSPITAL	1	100.0	100.0	1	100.0	100.0	0		100.0
PHYSICIAN NOT IN HOSPITAL	0	0.0	0.0	0	0.0	0.0	0		0.0
CERTIFIED NURSE MIDWIFE	0	0.0	0.0	0	0.0	0.0	0		0.0
OTHER ATTENDANT	0	0.0	0.0	0	0.0	0.0	0		0.0
OUT OF WEDLOCK	0	0.0	21.4	0	0.0	15.4	0		100.0
10. NEONATAL (UNDER 28 DAYS)	0	0.0	6.1	0	0.0	5.6	0	0.0	13.2
11. POSTNEONATAL (28 DAYS - 1 YEAR)	3	6.0	5.7	2	4.3	5.1	1	30.3	13.4
12. INFANT DEATHS (UNDER 1 YEAR)	3	6.0	11.7	2	4.3	10.7	1	30.3	26.5
DEATHS (EXCLUDING FETALS)									
13. TOTAL	358	9.8	9.7	340	9.8	9.6	18	11.4	11.3
MALES	192	10.9	11.0	187	11.1	11.0	5	7.0	12.0
FEMALES	166	8.8	8.4	153	8.5	8.3	13	15.0	10.7
14. AGE									
00-04 YEARS	4	1.7	2.5	3	1.4	2.3	1	8.9	6.7
05-14 YEARS	1	0.2	0.5	1	0.2	0.6	0	0.0	0.0
15-24 YEARS	7	1.3	1.1	7	1.4	1.1	0	0.0	0.7
25-34 YEARS	7	1.2	1.3	6	1.1	1.2	1	4.5	3.2
35-44 YEARS	11	2.1	2.1	11	2.2	2.0	0	0.0	3.1
45-54 YEARS	23	5.7	5.7	22	5.6	5.7	1	6.8	4.0
55-64 YEARS	41	11.5	11.5	38	11.1	11.1	3	22.2	21.3
65 AND OVER	264	53.4	53.1	252	53.2	52.8	12	56.6	59.9
15. PLACE OF DEATH									
HOSPITAL	234	65.4	60.9	221	65.0	60.9	13	72.2	60.2
OTHER INSTITUTION	65	18.2	22.8	61	17.9	22.6	4	22.2	26.9
HOME OR NON-INSTITUTION	59	16.5	16.3	58	17.1	16.5	1	5.6	12.9
16. OCCURRENCE									
TOTAL	273	0.5	0.5	258	0.6	0.6	15	0.1	0.1
TO RESIDENTS	248	90.8	91.0	235	91.1	91.4	13	86.7	85.0
OTHER EVENTS									
17. MARRIAGES	297	8.2	8.1						
18. DIVORCES AND ANNULMENTS	177	4.9	4.9						

* SEE DEFINITIONS AND FORMULAS (SECTION VII)

SELECTED VITAL STATISTICS FOR 1989 AND 1985-1989

MACON COUNTY

ITEM	TOTAL NUMBER 1989	TOTAL RATE* 1989	TOTAL RATE* 85-89	WHITE NUMBER 1989	WHITE RATE* 1989	WHITE RATE* 85-89	NONWHITE NUMBER 1989	NONWHITE RATE* 1989	NONWHITE RATE* 85-89
POPULATION									
1. TOTAL	23849	0.4	0.4	23428	0.5	0.5	421	0.0	0.0
MALES	11420	47.9	48.0	11137	47.5	47.6	283	67.2	67.6
FEMALES	12429	52.1	52.0	12291	52.5	52.4	138	32.8	32.4
2. NATURAL INCREASE	-43	-1.8	-1.2	-46	-2.0	-1.3	3	7.1	4.6
LIVE BIRTHS									
3. TOTAL	243	10.2	10.1	236	10.1	10.0	7	16.6	15.6
MALES	135	5.7	5.3	133	5.7	5.3	2	4.8	5.0
FEMALES	108	4.5	4.8	103	4.4	4.7	5	11.9	10.5
4. ATTENDANT									
PHYSICIAN IN HOSPITAL	241	99.2	98.3	234	99.2	98.3	7	100.0	100.0
PHYSICIAN NOT IN HOSPITAL	0	0.0	0.5	0	0.0	0.5	0	0.0	0.0
CERTIFIED NURSE MIDWIFE	0	0.0	0.4	0	0.0	0.4	0	0.0	0.0
OTHER ATTENDANT	2	0.8	0.8	2	0.8	0.8	0	0.0	0.0
5. PREMATURE BIRTHS	16	6.6	7.0	16	6.8	6.9	0	0.0	11.8
6. OUT OF WEDLOCK	28	11.5	11.1	25	10.6	9.6	3	42.9	61.8
7. OCCURRENCE									
TOTAL	2	0.0	0.1	2	0.0	0.2	0	0.0	0.0
TO RESIDENTS	2	100.0	79.7	2	100.0	79.3	0		100.0
FETAL & INFANT MORTALITY									
8. PERINATAL DEATHS	1	4.1	9.3	1	4.2	9.6	0	0.0	0.0
9. FETAL DEATHS	0	0.0	5.1	0	0.0	5.2	0	0.0	0.0
ATTENDANT									
PHYSICIAN IN HOSPITAL	0		100.0	0		100.0	0		
PHYSICIAN NOT IN HOSPITAL	0		0.0	0		0.0	0		
CERTIFIED NURSE MIDWIFE	0		0.0	0		0.0	0		
OTHER ATTENDANT	0		0.0	0		0.0	0		
OUT OF WEDLOCK	0		50.0	0		50.0	0		
10. NEONATAL (UNDER 28 DAYS)	1	4.1	4.2	1	4.2	4.4	0	0.0	0.0
11. POSTNEONATAL (28 DAYS - 1 YEAR)	1	4.1	6.8	1	4.3	6.1	0	0.0	29.4
12. INFANT DEATHS (UNDER 1 YEAR)	2	8.2	11.0	2	8.5	10.5	0	0.0	29.4
DEATHS (EXCLUDING FETALS)									
13. TOTAL	286	12.0	11.3	282	12.0	11.3	4	9.5	11.0
MALES	151	13.2	13.0	148	13.3	13.1	3	10.6	10.8
FEMALES	135	10.9	9.7	134	10.9	9.7	1	7.2	11.3
14. AGE									
00-04 YEARS	2	1.6	2.4	2	1.6	2.3	0	0.0	23.3
05-14 YEARS	1	0.4	0.4	1	0.4	0.3	0	0.0	7.0
15-24 YEARS	0	0.0	0.4	0	0.0	0.4	0	0.0	1.0
25-34 YEARS	4	1.3	0.9	3	1.0	0.7	1	22.7	12.9
35-44 YEARS	7	2.2	1.7	6	1.9	1.6	1	22.2	10.5
45-54 YEARS	17	6.3	5.3	17	6.3	5.3	0	0.0	0.0
55-64 YEARS	23	8.2	10.4	23	8.3	10.1	0	0.0	40.0
65 AND OVER	232	46.5	44.2	230	46.6	44.2	2	42.6	45.6
15. PLACE OF DEATH									
HOSPITAL	184	64.3	66.7	181	64.2	66.8	3	75.0	62.5
OTHER INSTITUTION	40	14.0	14.6	39	13.8	14.6	1	25.0	16.7
HOME OR NON-INSTITUTION	62	21.7	18.7	62	22.0	18.6	0	0.0	20.8
16. OCCURRENCE									
TOTAL	286	0.5	0.4	278	0.6	0.5	8	0.1	0.0
TO RESIDENTS	220	76.9	79.0	216	77.7	79.1	4	50.0	72.0
OTHER EVENTS									
17. MARRIAGES	218	9.1	8.8						
18. DIVORCES AND ANNULMENTS	120	5.0	4.3						

* SEE DEFINITIONS AND FORMULAS (SECTION VII)

SELECTED VITAL STATISTICS FOR 1989 AND 1985-1989

MADISON COUNTY

ITEM	TOTAL			WHITE			NONWHITE		
	NUMBER 1989	RATE* 1989	RATE* 85-89	NUMBER 1989	RATE* 1989	RATE* 85-89	NUMBER 1989	RATE* 1989	RATE* 85-89
POPULATION									
1. TOTAL	17353	0.3	0.3	17151	0.3	0.4	202	0.0	0.0
MALES	8552	49.3	49.2	8450	49.3	49.2	102	50.5	50.7
FEMALES	8801	50.7	50.8	8701	50.7	50.8	100	49.5	49.3
2. NATURAL INCREASE	-7	-0.4	-0.1	-5	-0.3	0.0	-2	-9.9	-4.0
LIVE BIRTHS									
3. TOTAL	181	10.4	10.4	181	10.6	10.5	0	0.0	6.0
MALES	97	5.6	5.5	97	5.7	5.6	0	0.0	2.0
FEMALES	84	4.8	4.9	84	4.9	4.9	0	0.0	4.0
4. ATTENDANT									
PHYSICIAN IN HOSPITAL	176	97.2	95.9	176	97.2	96.0	0		83.3
PHYSICIAN NOT IN HOSPITAL	2	1.1	0.8	2	1.1	0.8	0		0.0
CERTIFIED NURSE MIDWIFE	1	0.6	2.3	1	0.6	2.3	0		0.0
OTHER ATTENDANT	2	1.1	1.0	2	1.1	0.9	0		16.7
5. PREMATURE BIRTHS	21	11.6	6.5	21	11.6	6.6	0		0.0
6. OUT OF WEDLOCK	35	19.3	13.7	35	19.3	13.7	0		16.7
7. OCCURRENCE									
TOTAL	3	0.0	0.0	3	0.0	0.0	0	0.0	0.0
TO RESIDENTS	3	100.0	100.0	3	100.0	100.0	0		100.0
FETAL & INFANT MORTALITY									
8. PERINATAL DEATHS	5	27.3	17.5	5	27.3	17.6	0		0.0
9. FETAL DEATHS	2	10.9	9.9	2	10.9	9.9	0		0.0
ATTENDANT									
PHYSICIAN IN HOSPITAL	2	100.0	100.0	2	100.0	100.0	0		
PHYSICIAN NOT IN HOSPITAL	0	0.0	0.0	0	0.0	0.0	0		
CERTIFIED NURSE MIDWIFE	0	0.0	0.0	0	0.0	0.0	0		
OTHER ATTENDANT	0	0.0	0.0	0	0.0	0.0	0		
OUT OF WEDLOCK	0	0.0	0.0	0	0.0	0.0	0		
10. NEONATAL (UNDER 28 DAYS)	3	16.6	7.7	3	16.6	7.8	0		0.0
11. POSTNEONATAL (28 DAYS - 1 YEAR)	1	5.6	2.2	1	5.6	2.2	0		0.0
12. INFANT DEATHS (UNDER 1 YEAR)	4	22.1	10.0	4	22.1	10.0	0		0.0
DEATHS (EXCLUDING FETALS)									
13. TOTAL	188	10.8	10.5	186	10.8	10.5	2	9.9	9.9
MALES	101	11.8	11.4	100	11.8	11.5	1	9.8	7.8
FEMALES	87	9.9	9.6	86	9.9	9.6	1	10.0	12.1
14. AGE									
00-04 YEARS	4	3.8	2.1	4	3.8	2.1	0	0.0	0.0
05-14 YEARS	1	0.5	0.3	1	0.5	0.3	0	0.0	0.0
15-24 YEARS	1	0.3	0.9	1	0.3	0.9	0	0.0	0.0
25-34 YEARS	6	2.2	1.4	5	1.9	1.4	1	41.7	8.1
35-44 YEARS	2	0.8	2.1	2	0.8	2.2	0	0.0	0.0
45-54 YEARS	8	4.2	3.5	7	3.7	3.5	1	62.5	12.5
55-64 YEARS	16	10.6	11.0	16	10.7	11.1	0	0.0	0.0
65 AND OVER	150	58.5	56.0	150	59.1	56.0	0	0.0	59.7
15. PLACE OF DEATH									
HOSPITAL	85	45.2	45.7	83	44.6	45.8	2	100.0	40.0
OTHER INSTITUTION	53	28.2	25.7	53	28.5	25.7	0	0.0	30.0
HOME OR NON-INSTITUTION	50	26.6	28.6	50	26.9	28.6	0	0.0	30.0
16. OCCURRENCE									
TOTAL	97	0.2	0.2	95	0.2	0.2	2	0.0	0.0
TO RESIDENTS	81	83.5	78.9	81	85.3	79.4	0	0.0	50.0
OTHER EVENTS									
17. MARRIAGES	127	7.3	7.1						
18. DIVORCES AND ANNULMENTS	58	3.3	2.8						

* SEE DEFINITIONS AND FORMULAS (SECTION VII)

SELECTED VITAL STATISTICS FOR 1989 AND 1985-1989

MARTIN COUNTY

ITEM	TOTAL			WHITE			NONWHITE		
	NUMBER 1989	RATE* 1989	RATE* 85-89	NUMBER 1989	RATE* 1989	RATE* 85-89	NUMBER 1989	RATE* 1989	RATE* 85-89
POPULATION									
1. TOTAL	26062	0.4	0.4	14679	0.3	0.3	11383	0.7	0.7
MALES	12149	46.6	46.9	6946	47.3	47.4	5203	45.7	46.2
FEMALES	13913	53.4	53.1	7733	52.7	52.6	6180	54.3	53.8
2. NATURAL INCREASE	65	2.5	2.9	-16	-1.1	-0.6	81	7.1	7.3
LIVE BIRTHS									
3. TOTAL	352	13.5	13.7	142	9.7	10.3	210	18.4	17.9
MALES	175	6.7	7.3	74	5.0	5.4	101	8.9	9.8
FEMALES	177	6.8	6.3	68	4.6	4.9	109	9.6	8.1
4. ATTENDANT									
PHYSICIAN IN HOSPITAL	351	99.7	99.8	142	100.0	99.9	209	99.5	99.8
PHYSICIAN NOT IN HOSPITAL	0	0.0	0.1	0	0.0	0.1	0	0.0	0.1
CERTIFIED NURSE MIDWIFE	0	0.0	0.0	0	0.0	0.0	0	0.0	0.0
OTHER ATTENDANT	1	0.3	0.1	0	0.0	0.0	1	0.5	0.1
5. PREMATURE BIRTHS	27	7.7	9.2	7	4.9	6.2	20	9.5	11.5
6. OUT OF WEDLOCK	150	42.6	37.1	16	11.3	7.3	134	63.8	58.8
7. OCCURRENCE									
TOTAL -	176	0.2	0.2	76	0.1	0.1	100	0.3	0.4
TO RESIDENTS	114	64.8	58.4	52	68.4	63.3	62	62.0	55.4
FETAL & INFANT MORTALITY									
8. PERINATAL DEATHS	2	5.7	13.7	0	0.0	9.1	2	9.5	17.1
9. FETAL DEATHS	1	2.8	6.0	0	0.0	5.2	1	4.7	6.6
ATTENDANT									
PHYSICIAN IN HOSPITAL	1	100.0	100.0	0		100.0	1	100.0	100.0
PHYSICIAN NOT IN HOSPITAL	0	0.0	0.0	0		0.0	0	0.0	0.0
CERTIFIED NURSE MIDWIFE	0	0.0	0.0	0		0.0	0	0.0	0.0
OTHER ATTENDANT	0	0.0	0.0	0		0.0	0	0.0	0.0
OUT OF WEDLOCK	0	0.0	36.4	0		0.0	0	0.0	57.1
10. NEONATAL (UNDER 28 DAYS)	1	2.8	7.7	0	0.0	3.9	1	4.8	10.5
11. POSTNEONATAL (28 DAYS - 1 YEAR)	0	0.0	2.8	0	0.0	1.3	0	0.0	3.9
12. INFANT DEATHS (UNDER 1 YEAR)	1	2.8	10.5	0	0.0	5.2	1	4.8	14.3
DEATHS (EXCLUDING FETALS)									
13. TOTAL	287	11.0	10.7	158	10.8	10.9	129	11.3	10.6
MALES	162	13.3	12.8	91	13.1	12.9	71	13.6	12.8
FEMALES	125	9.0	8.9	67	8.7	9.1	58	9.4	8.7
14. AGE									
00-04 YEARS	3	1.7	2.9	2	2.2	1.5	1	1.2	4.2
05-14 YEARS	0	0.0	0.1	0	0.0	0.1	0	0.0	0.1
15-24 YEARS	10	2.7	1.4	5	2.7	1.0	5	2.6	1.8
25-34 YEARS	4	1.0	1.1	2	0.9	0.6	2	1.1	1.6
35-44 YEARS	12	3.1	3.5	3	1.4	2.7	9	5.5	4.7
45-54 YEARS	21	7.8	7.6	9	5.1	5.8	12	13.0	11.0
55-64 YEARS	25	10.2	16.2	14	9.0	13.2	11	12.2	21.1
65 AND OVER	212	57.0	53.6	123	51.4	51.4	89	67.0	57.5
15. PLACE OF DEATH									
HOSPITAL	188	65.5	63.7	109	69.0	65.4	79	61.2	61.6
OTHER INSTITUTION	42	14.6	14.1	22	13.9	13.8	20	15.5	14.5
HOME OR NON-INSTITUTION	57	19.9	22.2	27	17.1	20.8	30	23.3	23.9
16. OCCURRENCE									
TOTAL	206	0.4	0.4	112	0.3	0.3	94	0.7	0.7
TO RESIDENTS	184	89.3	85.4	103	92.0	92.4	81	86.2	77.9
OTHER EVENTS									
17. MARRIAGES	244	9.4	8.5						
18. DIVORCES AND ANNULMENTS	79	3.0	2.9						

* SEE DEFINITIONS AND FORMULAS (SECTION VII)

SELECTED VITAL STATISTICS FOR 1989 AND 1985-1989

MECKLENBURG COUNTY

ITEM	TOTAL			WHITE			NONWHITE		
	NUMBER 1989	RATE* 1989	RATE* 85-89	NUMBER 1989	RATE* 1989	RATE* 85-89	NUMBER 1989	RATE* 1989	RATE* 85-89
POPULATION									
1. TOTAL	485804	7.4	7.2	339192	6.8	6.7	146612	9.2	8.9
MALES	231214	47.6	47.7	163708	48.3	48.3	67506	46.0	46.4
FEMALES	254590	52.4	52.3	175484	51.7	51.7	79106	54.0	53.6
2. NATURAL INCREASE	4959	10.2	9.3	2848	8.4	7.5	2111	14.4	13.3
LIVE BIRTHS									
3. TOTAL	8516	17.5	16.6	5290	15.6	14.9	3226	22.0	20.6
MALES	4285	8.8	8.5	2670	7.9	7.6	1615	11.0	10.5
FEMALES	4231	8.7	8.1	2620	7.7	7.3	1611	11.0	10.1
4. ATTENDANT									
PHYSICIAN IN HOSPITAL	8389	98.5	99.0	5180	97.9	98.6	3209	99.5	99.6
PHYSICIAN NOT IN HOSPITAL	18	0.2	0.1	8	0.2	0.1	10	0.3	0.2
CERTIFIED NURSE MIDWIFE	92	1.1	0.7	87	1.6	1.0	5	0.2	0.1
OTHER ATTENDANT	17	0.2	0.2	15	0.3	0.2	2	0.1	0.1
5. PREMATURE BIRTHS	756	8.9	8.5	302	5.7	5.7	454	14.1	13.1
6. OUT OF WEDLOCK	2481	29.1	27.5	557	10.5	9.2	1924	59.6	58.5
7. OCCURRENCE									
TOTAL	11881	11.6	10.9	8278	12.0	11.1	3603	10.7	10.5
TO RESIDENTS	8398	70.7	73.6	5207	62.9	66.5	3191	88.6	89.7
FETAL & INFANT MORTALITY									
8. PERINATAL DEATHS	126	14.7	16.8	53	10.0	12.8	73	22.4	23.5
9. FETAL DEATHS	54	6.3	8.3	24	4.5	7.0	30	9.2	10.6
ATTENDANT									
PHYSICIAN IN HOSPITAL	53	98.1	96.6	24	100.0	98.8	29	96.7	94.2
PHYSICIAN NOT IN HOSPITAL	0	0.0	2.5	0	0.0	0.6	0	0.0	4.5
CERTIFIED NURSE MIDWIFE	0	0.0	0.3	0	0.0	0.6	0	0.0	0.0
OTHER ATTENDANT	1	1.9	0.6	0	0.0	0.0	1	3.3	1.3
OUT OF WEDLOCK	24	44.4	36.9	4	16.7	14.6	20	66.7	61.7
10. NEONATAL (UNDER 28 DAYS)	72	8.5	8.5	29	5.5	5.9	43	13.3	13.0
11. POSTNEONATAL (28 DAYS - 1 YEAR)	32	3.8	3.7	13	2.5	2.6	19	6.0	5.6
12. INFANT DEATHS (UNDER 1 YEAR)	104	12.2	12.2	42	7.9	8.4	62	19.2	18.5
DEATHS (EXCLUDING FETALS)									
13. TOTAL	3557	7.3	7.4	2442	7.2	7.4	1115	7.6	7.3
MALES	1880	8.1	8.0	1250	7.6	7.7	630	9.3	8.7
FEMALES	1677	6.6	6.8	1192	6.8	7.1	485	6.1	6.2
14. AGE									
00-04 YEARS	116	3.6	3.5	45	2.2	2.4	71	5.7	5.2
05-14 YEARS	11	0.2	0.2	6	0.2	0.2	5	0.2	0.3
15-24 YEARS	77	1.0	0.9	40	0.9	0.8	37	1.4	1.0
25-34 YEARS	157	1.6	1.4	68	1.0	1.0	89	3.0	2.3
35-44 YEARS	211	2.7	2.3	95	1.7	1.5	116	5.2	4.2
45-54 YEARS	270	5.3	5.6	142	3.7	4.2	128	10.8	10.5
55-64 YEARS	463	11.1	12.6	298	8.9	10.6	165	19.8	20.5
65 AND OVER	2252	44.4	46.9	1748	42.8	45.3	504	51.2	53.7
15. PLACE OF DEATH									
HOSPITAL	2001	56.3	56.1	1315	53.8	54.0	686	61.5	61.1
OTHER INSTITUTION	687	19.3	18.9	544	22.3	21.6	143	12.8	12.5
HOME OR NON-INSTITUTION	869	24.4	25.0	583	23.9	24.4	286	25.7	26.5
16. OCCURRENCE									
TOTAL	4495	7.8	7.7	3269	7.5	7.5	1226	8.6	8.3
TO RESIDENTS	3296	73.3	73.2	2257	69.0	69.5	1039	84.7	83.5
OTHER EVENTS									
17. MARRIAGES	3404	7.0	6.9						
18. DIVORCES AND ANNULMENTS	3002	6.2	6.1						

* SEE DEFINITIONS AND FORMULAS (SECTION VII)

SELECTED VITAL STATISTICS FOR 1989 AND 1985-1989

MITCHELL COUNTY

ITEM	TOTAL			WHITE			NONWHITE		
	NUMBER 1989	RATE* 1989	RATE* 85-89	NUMBER 1989	RATE* 1989	RATE* 85-89	NUMBER 1989	RATE* 1989	RATE* 85-89
POPULATION									
1. TOTAL	14615	0.2	0.2	14539	0.3	0.3	76	0.0	0.0
MALES	7109	48.6	48.6	7076	48.7	48.6	33	43.4	44.9
FEMALES	7506	51.4	51.4	7463	51.3	51.4	43	56.6	55.1
2. NATURAL INCREASE	8	0.5	1.4	8	0.6	1.4	0	0.0	5.2
LIVE BIRTHS									
3. TOTAL	170	11.[illegible]	12.4	169	11.6	12.4	1	13.2	10.5
MALES	84	5.[illegible]	6.5	83	5.7	6.5	1	13.2	2.6
FEMALES	86	5.9	5.9	86	5.9	5.9	0	0.0	7.9
4. ATTENDANT									
PHYSICIAN IN HOSPITAL	151	86.8	95.3	150	88.8	95.3	1	100.0	100.0
PHYSICIAN NOT IN HOSPITAL	2	1.2	0.2	2	1.2	0.2	0	0.0	0.0
CERTIFIED NURSE MIDWIFE	13	7.6	3.4	13	7.7	3.4	0	0.0	0.0
OTHER ATTENDANT	4	2.4	1.0	4	2.4	1.0	0	0.0	0.0
5. PREMATURE BIRTHS	8	4.7	5.0	8	4.7	5.0	0	0.0	0.0
6. OUT OF WEDLOCK	28	16.5	12.5	28	16.6	12.6	0	0.0	0.0
7. OCCURRENCE									
TOTAL	185	0.2	0.2	183	0.3	0.3	2	0.0	0.0
TO RESIDENTS	95	51.4	55.0	94	51.4	55.4	1	50.0	20.0
FETAL & INFANT MORTALITY									
8. PERINATAL DEATHS	1	5.8	5.5	1	5.9	5.5	0	0.0	0.0
9. FETAL DEATHS	1	5.8	4.4	1	5.9	4.4	0	0.0	0.0
ATTENDANT									
PHYSICIAN IN HOSPITAL	1	100.0	100.0	1	100.0	100.0	0		
PHYSICIAN NOT IN HOSPITAL	0	0.0	0.0	0	0.0	0.0	0		
CERTIFIED NURSE MIDWIFE	0	0.0	0.0	0	0.0	0.0	0		
OTHER ATTENDANT	0	0.0	0.0	0	0.0	0.0	0		
OUT OF WEDLOCK	0	0.0	0.0	0	0.0	0.0	0		
10. NEONATAL (UNDER 28 DAYS)	0	0.0	1.1	0	0.0	1.1	0	0.0	0.0
11. POSTNEONATAL (28 DAYS - 1 YEAR)	1	5.9	4.4	1	5.9	4.5	0	0.0	0.0
12. INFANT DEATHS (UNDER 1 YEAR)	1	5.9	5.5	1	5.9	5.6	0	0.0	0.0
DEATHS (EXCLUDING FETALS)									
13. TOTAL	162	11.1	10.9	161	11.1	11.0	1	13.2	5.2
MALES	94	13.2	12.6	94	13.3	12.7	0	0.0	5.8
FEMALES	68	9.1	9.4	67	9.0	9.4	1	23.3	4.8
14. AGE									
00-04 YEARS	1	1.2	1.7	1	1.2	1.7	0	0.0	0.0
05-14 YEARS	1	0.6	0.4	1	0.6	0.5	0	0.0	0.0
15-24 YEARS	4	2.1	0.5	4	2.1	0.5	0	0.0	0.0
25-34 YEARS	3	1.3	1.5	3	1.3	1.5	0	0.0	0.0
35-44 YEARS	3	1.4	1.4	3	1.4	1.4	0	0.0	0.0
45-54 YEARS	3	1.7	5.1	3	1.8	5.1	0	0.0	0.0
55-64 YEARS	20	12.3	10.8	20	12.3	10.8	0	0.0	0.0
65 AND OVER	127	53.0	52.6	126	52.9	52.8	1	71.4	26.7
15. PLACE OF DEATH									
HOSPITAL	117	72.2	67.6	117	72.7	67.8	0	0.0	0.0
OTHER INSTITUTION	29	17.9	17.6	28	17.4	17.4	1	100.0	100.0
HOME OR NON-INSTITUTION	16	9.9	14.8	16	9.9	14.8	0	0.0	0.0
16. OCCURRENCE									
TOTAL	146	0.3	0.2	146	0.3	0.3	0	0.0	0.0
TO RESIDENTS	109	74.7	74.3	109	74.7	74.6	0		25.0
OTHER EVENTS									
17. MARRIAGES	118	8.1	8.1						
18. DIVORCES AND ANNULMENTS	45	3.1	3.2						

* SEE DEFINITIONS AND FORMULAS (SECTION VII)

SELECTED VITAL STATISTICS FOR 1989 AND 1985-1989

MONTGOMERY COUNTY

ITEM	TOTAL			WHITE			NONWHITE		
	NUMBER 1989	RATE* 1989	RATE* 85-89	NUMBER 1989	RATE* 1989	RATE* 85-89	NUMBER 1989	RATE* 1989	RATE* 85-89
POPULATION									
1. TOTAL	24550	0.4	0.4	18622	0.4	0.4	5928	0.4	0.4
MALES	11997	48.9	48.9	9311	50.0	50.0	2686	45.3	45.8
FEMALES	12553	51.1	51.1	9311	50.0	50.0	3242	54.7	54.2
2. NATURAL INCREASE	180	7.3	4.3	91	4.9	2.5	89	15.0	10.1
LIVE BIRTHS									
3. TOTAL	382	15.6	13.4	245	13.2	11.8	137	23.1	18.4
MALES	205	8.4	7.0	128	6.9	5.9	77	13.0	10.1
FEMALES	177	7.2	6.5	117	6.3	5.9	60	10.1	8.3
4. ATTENDANT									
PHYSICIAN IN HOSPITAL	377	98.7	99.3	241	98.4	99.2	136	99.3	99.6
PHYSICIAN NOT IN HOSPITAL	0	0.0	0.1	0	0.0	0.1	0	0.0	0.0
CERTIFIED NURSE MIDWIFE	4	1.0	0.5	3	1.2	0.6	1	0.7	0.4
OTHER ATTENDANT	1	0.3	0.1	1	0.4	0.2	0	0.0	0.0
5. PREMATURE BIRTHS	42	11.0	9.8	26	10.6	8.1	16	11.7	13.0
6. OUT OF WEDLOCK	132	34.6	31.0	34	13.9	13.7	98	71.5	65.0
7. OCCURRENCE									
TOTAL	232	0.2	0.2	134	0.2	0.2	98	0.3	0.3
TO RESIDENTS	211	90.9	87.6	120	89.6	84.7	91	92.9	92.7
FETAL & INFANT MORTALITY									
8. PERINATAL DEATHS	7	18.1	17.8	1	4.1	11.1	6	42.9	30.7
9. FETAL DEATHS	4	10.4	8.0	1	4.1	4.6	3	21.4	14.4
ATTENDANT									
PHYSICIAN IN HOSPITAL	4	100.0	100.0	1	100.0	100.0	3	100.0	100.0
PHYSICIAN NOT IN HOSPITAL	0	0.0	0.0	0	0.0	0.0	0	0.0	0.0
CERTIFIED NURSE MIDWIFE	0	0.0	0.0	0	0.0	0.0	0	0.0	0.0
OTHER ATTENDANT	0	0.0	0.0	0	0.0	0.0	0	0.0	0.0
OUT OF WEDLOCK	3	75.0	46.2	0	0.0	0.0	3	100.0	75.0
10. NEONATAL (UNDER 28 DAYS)	3	7.9	9.9	0	0.0	6.5	3	21.9	16.5
11. POSTNEONATAL (28 DAYS - 1 YEAR)	0	0.0	4.4	0	0.0	3.7	0	0.0	5.6
12. INFANT DEATHS (UNDER 1 YEAR)	3	7.9	14.2	0	0.0	10.2	3	21.9	22.0
DEATHS (EXCLUDING FETALS)									
13. TOTAL	202	8.2	9.1	154	8.3	9.3	48	8.1	8.3
MALES	111	9.3	10.0	81	8.7	9.8	30	11.2	10.6
FEMALES	91	7.2	8.2	73	7.8	8.9	18	5.6	6.5
14. AGE									
00-04 YEARS	5	3.0	3.2	2	1.8	2.5	3	5.7	4.7
05-14 YEARS	2	0.6	0.2	2	0.8	0.3	0	0.0	0.0
15-24 YEARS	4	1.1	1.5	3	1.1	1.8	1	1.0	0.8
25-34 YEARS	6	1.6	1.5	1	0.4	0.9	5	5.1	3.1
35-44 YEARS	6	1.7	1.9	2	0.7	1.3	4	5.5	4.4
45-54 YEARS	7	2.8	4.8	6	2.9	4.4	1	2.2	6.2
55-64 YEARS	26	11.1	14.1	18	9.5	13.0	8	17.4	18.6
65 AND OVER	146	41.8	45.7	120	42.3	45.7	26	39.9	45.8
15. PLACE OF DEATH									
HOSPITAL	147	72.8	70.1	113	73.4	69.8	34	70.8	70.9
OTHER INSTITUTION	28	13.9	13.4	22	14.3	13.8	6	12.5	12.1
HOME OR NON-INSTITUTION	27	13.4	16.5	19	12.3	16.4	8	16.7	17.0
16. OCCURRENCE									
TOTAL	145	0.3	0.3	116	0.3	0.3	29	0.2	0.2
TO RESIDENTS	123	84.8	84.8	97	83.6	83.7	26	89.7	89.1
OTHER EVENTS									
17. MARRIAGES	179	7.3	6.7						
18. DIVORCES AND ANNULMENTS	82	3.3	3.2						

* SEE DEFINITIONS AND FORMULAS (SECTION VII)

SELECTED VITAL STATISTICS FOR 1989 AND 1985-1989

MOORE COUNTY

ITEM	TOTAL			WHITE			NONWHITE		
	NUMBER 1989	RATE* 1989	RATE* 85-89	NUMBER 1989	RATE* 1989	RATE* 85-89	NUMBER 1989	RATE* 1989	RATE* 85-89
POPULATION									
1. TOTAL	60083	0.9	0.9	48559	1.0	1.0	11524	0.7	0.7
MALES	28830	48.0	48.0	23416	48.2	48.2	5414	47.0	47.4
FEMALES	31253	52.0	52.0	25143	51.8	51.8	6110	53.0	52.6
2. NATURAL INCREASE	166	2.8	1.8	29	0.6	0.2	137	11.9	8.3
LIVE BIRTHS									
3. TOTAL	807	13.4	12.8	541	11.1	11.1	266	23.1	19.7
MALES	394	6.6	6.6	279	5.7	5.8	115	10.0	10.2
FEMALES	413	6.9	6.2	262	5.4	5.4	151	13.1	9.5
4. ATTENDANT									
PHYSICIAN IN HOSPITAL	796	98.6	98.8	533	98.5	98.6	263	98.9	99.3
PHYSICIAN NOT IN HOSPITAL	2	0.2	0.1	0	0.0	0.0	2	0.8	0.4
CERTIFIED NURSE MIDWIFE	8	1.0	0.9	7	1.3	1.2	1	0.4	0.2
OTHER ATTENDANT	1	0.1	0.2	1	0.2	0.2	0	0.0	0.1
5. PREMATURE BIRTHS	51	6.3	7.9	24	4.4	6.0	27	10.2	12.0
6. OUT OF WEDLOCK	235	29.1	26.6	76	14.0	11.8	159	59.8	60.4
7. OCCURRENCE									
TOTAL	1313	1.3	1.2	873	1.3	1.2	440	1.3	1.2
TO RESIDENTS	733	55.8	58.9	482	55.2	58.2	251	57.0	60.5
FETAL & INFANT MORTALITY									
8. PERINATAL DEATHS	10	12.3	15.0	5	9.2	12.8	5	18.7	20.1
9. FETAL DEATHS	4	4.9	8.6	2	3.7	7.4	2	7.5	11.4
ATTENDANT									
PHYSICIAN IN HOSPITAL	3	75.0	87.5	1	50.0	84.2	2	100.0	92.3
PHYSICIAN NOT IN HOSPITAL	0	0.0	3.1	0	0.0	0.0	0	0.0	7.7
CERTIFIED NURSE MIDWIFE	1	25.0	3.1	1	50.0	5.3	0	0.0	0.0
OTHER ATTENDANT	0	0.0	6.3	0	0.0	10.5	0	0.0	0.0
OUT OF WEDLOCK	2	50.0	40.6	1	50.0	21.1	1	50.0	69.2
10. NEONATAL (UNDER 28 DAYS)	6	7.4	6.5	3	5.5	5.5	3	11.3	8.8
11. POSTNEONATAL (28 DAYS - 1 YEAR)	3	3.7	3.5	1	1.9	3.1	2	7.6	4.5
12. INFANT DEATHS (UNDER 1 YEAR)	9	11.2	10.0	4	7.4	8.6	5	18.8	13.3
DEATHS (EXCLUDING FETALS)									
13. TOTAL	641	10.7	11.0	512	10.5	10.9	129	11.2	11.4
MALES	335	11.6	12.1	263	11.2	11.9	72	13.3	12.8
FEMALES	306	9.8	10.1	249	9.9	10.0	57	9.3	10.2
14. AGE									
00-04 YEARS	13	3.6	3.0	6	2.2	2.3	7	8.6	5.3
05-14 YEARS	2	0.3	0.5	1	0.2	0.6	1	0.5	0.2
15-24 YEARS	9	1.1	1.2	8	1.3	1.2	1	0.5	1.3
25-34 YEARS	8	0.9	1.2	3	0.4	0.9	5	2.8	2.4
35-44 YEARS	14	1.8	2.6	11	1.7	1.8	3	2.0	5.7
45-54 YEARS	29	4.7	5.8	16	3.1	4.6	13	13.0	11.6
55-64 YEARS	74	10.9	12.4	61	10.5	10.9	13	13.3	21.5
65 AND OVER	492	45.7	47.4	406	44.6	47.1	86	51.5	49.3
15. PLACE OF DEATH									
HOSPITAL	361	56.3	57.7	273	53.3	55.5	88	68.2	66.2
OTHER INSTITUTION	123	19.2	18.3	107	20.9	19.6	16	12.4	13.3
HOME OR NON-INSTITUTION	157	24.5	24.0	132	25.8	24.9	25	19.4	20.6
16. OCCURRENCE									
TOTAL	760	1.3	1.4	558	1.3	1.4	202	1.4	1.4
TO RESIDENTS	524	68.9	68.8	419	75.1	71.8	105	52.0	58.8
OTHER EVENTS									
17. MARRIAGES	396	6.6	6.8						
18. DIVORCES AND ANNULMENTS	183	3.0	4.0						

* SEE DEFINITIONS AND FORMULAS (SECTION VII)

SELECTED VITAL STATISTICS FOR 1989 AND 1985-1989

NASH COUNTY

ITEM	TOTAL			WHITE			NONWHITE		
	NUMBER 1989	RATE* 1989	RATE* 85-89	NUMBER 1989	RATE* 1989	RATE* 85-89	NUMBER 1989	RATE* 1989	RATE* 85-89
POPULATION									
1. TOTAL	73545	1.1	1.1	51027	1.0	1.0	22518	1.4	1.5
MALES	34615	47.1	47.2	24385	47.8	47.8	10230	45.4	45.9
FEMALES	38930	52.9	52.8	26642	52.2	52.2	12288	54.6	54.1
2. NATURAL INCREASE	433	5.9	5.7	156	3.1	3.3	277	12.3	10.9
LIVE BIRTHS									
3. TOTAL	1180	16.0	15.5	642	12.6	12.7	538	23.9	21.5
MALES	618	8.4	7.9	329	6.4	6.5	289	12.8	10.9
FEMALES	562	7.6	7.6	313	6.1	6.2	249	11.1	10.6
4. ATTENDANT									
PHYSICIAN IN HOSPITAL	1173	99.4	99.4	638	99.4	99.4	535	99.4	99.4
PHYSICIAN NOT IN HOSPITAL	4	0.3	0.3	1	0.2	0.1	3	0.6	0.4
CERTIFIED NURSE MIDWIFE	3	0.3	0.3	3	0.5	0.4	0	0.0	0.0
OTHER ATTENDANT	0	0.0	0.1	0	0.0	0.1	0	0.0	0.1
5. PREMATURE BIRTHS	99	8.4	8.3	38	5.9	5.7	61	11.3	11.6
6. OUT OF WEDLOCK	387	32.8	31.1	66	10.3	9.9	321	59.7	58.2
7. OCCURRENCE									
TOTAL	1418	1.4	1.5	748	1.1	1.2	670	2.0	2.2
TO RESIDENTS	958	67.6	64.6	488	65.2	65.1	470	70.1	64.0
FETAL & INFANT MORTALITY									
8. PERINATAL DEATHS	27	22.6	23.7	11	17.0	16.4	16	29.1	32.9
9. FETAL DEATHS	17	14.2	13.3	5	7.7	10.4	12	21.8	16.9
ATTENDANT									
PHYSICIAN IN HOSPITAL	17	100.0	97.3	5	100.0	93.9	12	100.0	100.0
PHYSICIAN NOT IN HOSPITAL	0	0.0	0.0	0	0.0	0.0	0	0.0	0.0
CERTIFIED NURSE MIDWIFE	0	0.0	0.0	0	0.0	0.0	0	0.0	0.0
OTHER ATTENDANT	0	0.0	2.7	0	0.0	6.1	0	0.0	0.0
OUT OF WEDLOCK	10	58.8	42.7	1	20.0	12.1	9	75.0	66.7
10. NEONATAL (UNDER 28 DAYS)	10	8.5	10.6	6	9.3	6.1	4	7.4	16.3
11. POSTNEONATAL (28 DAYS - 1 YEAR)	5	4.3	4.3	1	1.6	2.2	4	7.5	7.1
12. INFANT DEATHS (UNDER 1 YEAR)	15	12.7	14.9	7	10.9	8.3	8	14.9	23.3
DEATHS (EXCLUDING FETALS)									
13. TOTAL	747	10.2	9.8	486	9.5	9.4	261	11.6	10.6
MALES	376	10.9	10.8	232	9.5	9.9	144	14.1	12.8
FEMALES	371	9.5	8.9	254	9.5	8.9	117	9.5	8.8
14. AGE									
00-04 YEARS	21	4.3	4.0	11	3.7	2.2	10	5.3	6.6
05-14 YEARS	2	0.2	0.3	0	0.0	0.1	2	0.5	0.6
15-24 YEARS	19	1.8	1.3	8	1.2	1.0	11	3.0	1.8
25-34 YEARS	25	2.1	2.0	11	1.3	1.5	14	3.6	2.9
35-44 YEARS	26	2.2	2.7	10	1.2	1.5	16	5.1	6.2
45-54 YEARS	51	6.5	6.5	33	5.5	5.1	18	9.5	11.0
55-64 YEARS	105	15.6	15.9	61	12.1	13.5	44	26.0	22.9
65 AND OVER	498	54.2	52.6	352	51.2	51.1	146	63.0	56.8
15. PLACE OF DEATH									
HOSPITAL	496	66.4	64.1	322	66.3	64.1	174	66.7	64.0
OTHER INSTITUTION	100	13.4	14.8	71	14.6	15.9	29	11.1	12.8
HOME OR NON-INSTITUTION	151	20.2	21.1	93	19.1	19.9	58	22.2	23.3
16. OCCURRENCE									
TOTAL	837	1.4	1.4	502	1.2	1.1	335	2.4	2.4
TO RESIDENTS	545	65.1	66.4	349	69.5	73.1	196	58.5	56.8
OTHER EVENTS									
17. MARRIAGES	615	8.4	8.7						
18. DIVORCES AND ANNULMENTS	403	5.5	5.5						

* SEE DEFINITIONS AND FORMULAS (SECTION VII)

SELECTED VITAL STATISTICS FOR 1989 AND 1985-1989

NEW HANOVER COUNTY

	TOTAL			WHITE			NONWHITE		
ITEM	NUMBER 1989	RATE* 1989	RATE* 85-89	NUMBER 1989	RATE* 1989	RATE* 85-89	NUMBER 1989	RATE* 1989	RATE* 85-89
POPULATION									
1. TOTAL	118983	1.8	1.8	93771	1.9	1.9	25212	1.6	1.6
MALES	56395	47.4	47.4	45002	48.0	48.0	11393	45.2	45.4
FEMALES	62588	52.6	52.6	48769	52.0	52.0	13819	54.8	54.6
2. NATURAL INCREASE	640	5.4	4.7	357	3.8	3.4	283	11.2	9.5
LIVE BIRTHS									
3. TOTAL	1637	13.8	13.4	1100	11.7	11.7	537	21.3	19.6
MALES	834	7.0	6.6	550	5.9	5.8	284	11.3	9.6
FEMALES	803	6.7	6.8	550	5.9	5.9	253	10.0	10.0
4. ATTENDANT									
PHYSICIAN IN HOSPITAL	1632	99.7	99.8	1098	99.8	99.8	534	99.4	99.8
PHYSICIAN NOT IN HOSPITAL	5	0.3	0.1	2	0.2	0.1	3	0.6	0.2
CERTIFIED NURSE MIDWIFE	0	0.0	0.0	0	0.0	0.0	0	0.0	0.0
OTHER ATTENDANT	0	0.0	0.1	0	0.0	0.2	0	0.0	0.0
5. PREMATURE BIRTHS	137	8.4	8.3	62	5.6	5.8	75	14.0	13.9
6. OUT OF WEDLOCK	504	30.8	28.0	154	14.0	11.7	350	65.2	63.3
7. OCCURRENCE									
TOTAL	2778	2.7	2.8	1795	2.6	2.7	983	2.9	2.9
TO RESIDENTS	1611	58.0	58.0	1082	60.3	59.0	529	53.8	56.0
FETAL & INFANT MORTALITY									
8. PERINATAL DEATHS	34	20.5	16.1	20	18.0	12.2	14	25.6	24.5
9. FETAL DEATHS	18	10.9	8.9	9	8.1	6.4	9	16.5	14.4
ATTENDANT									
PHYSICIAN IN HOSPITAL	18	100.0	100.0	9	100.0	100.0	9	100.0	100.0
PHYSICIAN NOT IN HOSPITAL	0	0.0	0.0	0	0.0	0.0	0	0.0	0.0
CERTIFIED NURSE MIDWIFE	0	0.0	0.0	0	0.0	0.0	0	0.0	0.0
OTHER ATTENDANT	0	0.0	0.0	0	0.0	0.0	0	0.0	0.0
OUT OF WEDLOCK	10	55.6	40.0	3	33.3	20.6	7	77.8	58.3
10. NEONATAL (UNDER 28 DAYS)	16	9.8	7.2	11	10.0	5.8	5	9.3	10.2
11. POSTNEONATAL (28 DAYS - 1 YEAR)	6	3.7	3.0	5	4.6	2.5	1	1.9	4.1
12. INFANT DEATHS (UNDER 1 YEAR)	22	13.4	10.2	16	14.5	8.3	6	11.2	14.3
DEATHS (EXCLUDING FETALS)									
13. TOTAL	997	8.4	8.7	743	7.9	8.3	254	10.1	10.1
MALES	516	9.1	9.3	389	8.6	8.8	127	11.1	11.3
FEMALES	481	7.7	8.1	354	7.3	7.8	127	9.2	9.1
14. AGE									
00-04 YEARS	24	3.2	2.4	17	3.0	1.7	7	3.6	4.2
05-14 YEARS	7	0.4	0.3	4	0.3	0.2	3	0.7	0.5
15-24 YEARS	14	0.7	0.8	10	0.7	0.9	4	0.9	0.7
25-34 YEARS	22	1.0	1.2	16	0.9	1.0	6	1.4	1.9
35-44 YEARS	40	2.2	2.3	24	1.6	1.6	16	4.4	5.4
45-54 YEARS	73	5.9	5.1	46	4.4	4.1	27	13.2	10.0
55-64 YEARS	131	12.5	14.3	94	10.7	12.6	37	21.3	22.1
65 AND OVER	686	49.0	52.1	532	47.6	51.5	154	54.5	54.5
15. PLACE OF DEATH									
HOSPITAL	606	61.0	60.8	440	59.2	59.0	163	66.1	66.0
OTHER INSTITUTION	175	17.6	17.7	138	18.6	19.4	37	14.6	12.7
HOME OR NON-INSTITUTION	214	21.5	21.5	165	22.2	21.6	49	19.3	21.2
16. OCCURRENCE									
TOTAL	1280	2.2	2.3	942	2.2	2.3	338	2.4	2.5
TO RESIDENTS	891	69.6	70.0	668	70.9	71.1	223	66.0	66.8
OTHER EVENTS									
17. MARRIAGES	1121	9.4	8.9						
18. DIVORCES AND ANNULMENTS	793	6.7	6.6						

* SEE DEFINITIONS AND FORMULAS (SECTION VII)

SELECTED VITAL STATISTICS FOR 1989 AND 1985-1989

NORTHAMPTON COUNTY

	TOTAL			WHITE			NONWHITE		
ITEM	NUMBER 1989	RATE* 1989	RATE* 85-89	NUMBER 1989	RATE* 1989	RATE* 85-89	NUMBER 1989	RATE* 1989	RATE* 85-89
POPULATION									
1. TOTAL	21977	0.3	0.3	8863	0.2	0.2	13114	0.8	0.9
MALES	10728	48.8	49.0	4414	49.8	49.8	6314	48.1	48.5
FEMALES	11249	51.2	51.0	4449	50.2	50.2	6800	51.9	51.5
2. NATURAL INCREASE	83	3.8	1.6	-4	-0.5	-3.3	87	6.6	4.9
LIVE BIRTHS									
3. TOTAL	342	15.6	13.6	107	12.1	9.6	235	17.9	16.2
MALES	154	7.0	6.6	44	5.0	4.6	110	8.4	7.9
FEMALES	188	8.6	7.0	63	7.1	5.0	125	9.5	8.2
4. ATTENDANT									
PHYSICIAN IN HOSPITAL	342	100.0	99.7	107	100.0	100.0	235	100.0	99.5
PHYSICIAN NOT IN HOSPITAL	0	0.0	0.2	0	0.0	0.0	0	0.0	0.3
CERTIFIED NURSE MIDWIFE	0	0.0	0.1	0	0.0	0.0	0	0.0	0.1
OTHER ATTENDANT	0	0.0	0.1	0	0.0	0.0	0	0.0	0.1
5. PREMATURE BIRTHS	39	11.4	9.4	11	10.3	6.4	28	11.9	10.6
6. OUT OF WEDLOCK	173	50.6	48.8	10	9.3	7.3	163	69.4	64.9
7. OCCURRENCE									
TOTAL	0	0.0	0.0	0	0.0	0.0	0	0.0	0.0
TO RESIDENTS	0		42.9	0		0.0	0		75.0
FETAL & INFANT MORTALITY									
8. PERINATAL DEATHS	7	20.3	25.6	4	37.0	14.2	3	12.7	30.0
9. FETAL DEATHS	3	8.7	11.2	1	9.3	4.7	2	8.4	13.6
ATTENDANT									
PHYSICIAN IN HOSPITAL	3	100.0	94.1	1	100.0	100.0	2	100.0	93.3
PHYSICIAN NOT IN HOSPITAL	0	0.0	0.0	0	0.0	0.0	0	0.0	0.0
CERTIFIED NURSE MIDWIFE	0	0.0	0.0	0	0.0	0.0	0	0.0	0.0
OTHER ATTENDANT	0	0.0	5.9	0	0.0	0.0	0	0.0	6.7
OUT OF WEDLOCK	2	66.7	52.9	0	0.0	0.0	2	100.0	60.0
10. NEONATAL (UNDER 28 DAYS)	4	11.7	14.6	3	28.0	9.5	1	4.3	16.6
11. POSTNEONATAL (28 DAYS - 1 YEAR)	2	5.9	2.7	0	0.0	0.0	2	8.5	3.7
12. INFANT DEATHS (UNDER 1 YEAR)	6	17.5	17.3	3	28.0	9.5	3	12.8	20.3
DEATHS (EXCLUDING FETALS)									
13. TOTAL	259	11.8	11.9	111	12.5	12.9	148	11.3	11.3
MALES	149	13.9	13.3	55	12.5	12.9	94	14.9	13.5
FEMALES	110	9.8	10.6	56	12.6	12.9	54	7.9	9.2
14. AGE									
00-04 YEARS	6	4.4	4.2	3	6.7	2.7	3	3.3	4.9
05-14 YEARS	0	0.0	0.3	0	0.0	0.2	0	0.0	0.4
15-24 YEARS	1	0.3	1.0	1	0.9	0.2	0	0.0	1.4
25-34 YEARS	8	2.3	1.7	2	1.5	1.0	6	2.8	2.0
35-44 YEARS	10	3.3	3.0	1	0.8	0.7	9	4.9	4.7
45-54 YEARS	23	10.0	8.8	4	3.7	4.8	19	15.8	12.2
55-64 YEARS	40	17.3	15.7	13	12.2	11.8	27	21.6	19.0
65 AND OVER	171	52.3	57.7	87	53.6	58.2	84	51.0	57.2
15. PLACE OF DEATH									
HOSPITAL	190	73.4	67.7	79	71.2	65.4	111	75.0	69.4
OTHER INSTITUTION	21	8.1	12.5	11	9.9	15.6	10	6.8	10.1
HOME OR NON-INSTITUTION	48	18.5	19.8	21	18.9	19.0	27	18.2	20.5
16. OCCURRENCE									
TOTAL	60	0.1	0.1	31	0.1	0.1	29	0.2	0.3
TO RESIDENTS	57	95.0	89.6	28	90.3	86.9	29	100.0	91.7
OTHER EVENTS									
17. MARRIAGES	112	5.1	5.8						
18. DIVORCES AND ANNULMENTS	46	2.1	2.3						

* SEE DEFINITIONS AND FORMULAS (SECTION VII)

SELECTED VITAL STATISTICS FOR 1989 AND 1985-1989

ONSLOW COUNTY

ITEM	TOTAL NUMBER 1989	TOTAL RATE* 1989	TOTAL RATE* 85-89	WHITE NUMBER 1989	WHITE RATE* 1989	WHITE RATE* 85-89	NONWHITE NUMBER 1989	NONWHITE RATE* 1989	NONWHITE RATE* 85-89
POPULATION									
1. TOTAL	131526	2.0	2.0	96797	1.9	1.9	34729	2.2	2.1
MALES	76632	58.3	58.5	56248	58.1	58.2	20384	58.7	59.6
FEMALES	54894	41.7	41.5	40549	41.9	41.8	14345	41.3	40.4
2. NATURAL INCREASE	2835	21.6	22.4	2110	21.8	22.6	725	20.9	21.4
LIVE BIRTHS									
3. TOTAL	3374	25.7	26.7	2533	26.2	27.3	841	24.2	25.0
MALES	1730	13.2	13.6	1321	13.6	13.9	409	11.8	12.7
FEMALES	1644	12.5	13.1	1212	12.5	13.4	432	12.4	12.3
4. ATTENDANT									
PHYSICIAN IN HOSPITAL	3350	99.3	99.6	2510	99.1	99.5	840	99.9	99.9
PHYSICIAN NOT IN HOSPITAL	11	0.3	0.1	10	0.4	0.2	1	0.1	0.1
CERTIFIED NURSE MIDWIFE	12	0.4	0.2	12	0.5	0.2	0	0.0	0.0
OTHER ATTENDANT	1	0.0	0.1	1	0.0	0.1	0	0.0	0.0
5. PREMATURE BIRTHS	209	6.2	6.2	138	5.4	5.4	71	8.4	8.8
6. OUT OF WEDLOCK	357	10.6	9.4	181	7.1	6.2	176	20.9	19.2
7. OCCURRENCE									
TOTAL	3261	3.2	3.4	2420	3.5	3.8	841	2.5	2.7
TO RESIDENTS	3153	96.7	96.9	2356	97.4	97.3	797	94.8	95.9
FETAL & INFANT MORTALITY									
8. PERINATAL DEATHS	50	14.7	14.0	26	10.2	11.9	24	28.3	20.2
9. FETAL DEATHS	18	5.3	6.1	12	4.7	5.6	6	7.1	7.5
ATTENDANT									
PHYSICIAN IN HOSPITAL	18	100.0	100.0	12	100.0	100.0	6	100.0	100.0
PHYSICIAN NOT IN HOSPITAL	0	0.0	0.0	0	0.0	0.0	0	0.0	0.0
CERTIFIED NURSE MIDWIFE	0	0.0	0.0	0	0.0	0.0	0	0.0	0.0
OTHER ATTENDANT	0	0.0	0.0	0	0.0	0.0	0	0.0	0.0
OUT OF WEDLOCK	7	38.9	14.6	3	25.0	8.3	4	66.7	29.0
10. NEONATAL (UNDER 28 DAYS)	32	9.5	7.9	14	5.5	6.3	18	21.4	12.9
11. POSTNEONATAL (28 DAYS - 1 YEAR)	9	2.7	3.8	6	2.4	3.3	3	3.6	5.4
12. INFANT DEATHS (UNDER 1 YEAR)	41	12.2	11.7	20	7.9	9.5	21	25.0	18.2
DEATHS (EXCLUDING FETALS)									
13. TOTAL	539	4.1	4.3	423	4.4	4.5	116	3.3	3.6
MALES	290	3.8	4.0	225	4.0	4.3	65	3.2	3.3
FEMALES	249	4.5	4.6	198	4.9	4.8	51	3.6	3.9
14. AGE									
00-04 YEARS	42	3.4	3.8	20	2.3	3.4	22	6.3	5.0
05-14 YEARS	3	0.2	0.4	2	0.2	0.4	1	0.2	0.5
15-24 YEARS	15	0.3	0.6	10	0.3	0.6	5	0.4	0.6
25-34 YEARS	20	0.9	1.1	11	0.7	1.0	9	1.5	1.5
35-44 YEARS	19	1.3	1.9	14	1.3	1.7	5	1.6	2.7
45-54 YEARS	34	3.8	4.7	26	3.6	4.3	8	4.7	6.5
55-64 YEARS	83	11.8	13.4	66	11.3	12.6	17	14.1	17.3
65 AND OVER	323	45.4	46.0	274	45.8	45.9	49	43.7	46.8
15. PLACE OF DEATH									
HOSPITAL	363	67.3	67.3	273	64.5	67.5	90	77.6	66.8
OTHER INSTITUTION	97	18.0	16.5	80	18.9	15.4	17	14.7	20.3
HOME OR NON-INSTITUTION	79	14.7	16.2	70	16.5	17.2	9	7.8	12.9
16. OCCURRENCE									
TOTAL	485	0.8	0.9	372	0.9	0.9	113	0.8	0.9
TO RESIDENTS	403	83.1	82.6	315	84.7	85.4	88	77.9	74.0
OTHER EVENTS									
17. MARRIAGES	1616	12.3	12.5						
18. DIVORCES AND ANNULMENTS	942	7.2	6.9						

* SEE DEFINITIONS AND FORMULAS (SECTION VII)

SELECTED VITAL STATISTICS FOR 1989 AND 1985-1989

ORANGE COUNTY

ITEM	TOTAL			WHITE			NONWHITE		
	NUMBER 1989	RATE* 1989	RATE* 85-89	NUMBER 1989	RATE* 1989	RATE* 85-89	NUMBER 1989	RATE* 1989	RATE* 85-89
POPULATION									
1. TOTAL	90922	1.4	1.4	74222	1.5	1.5	16700	1.1	1.0
MALES	43222	47.5	47.6	35509	47.8	47.8	7713	46.2	46.6
FEMALES	47700	52.5	52.4	38713	52.2	52.2	8987	53.8	53.4
2. NATURAL INCREASE	625	6.9	6.6	439	5.9	6.1	186	11.1	8.7
LIVE BIRTHS									
3. TOTAL	1176	12.9	12.5	879	11.8	11.7	297	17.8	16.2
MALES	600	6.6	6.5	442	6.0	6.1	158	9.5	8.5
FEMALES	576	6.3	6.0	437	5.9	5.6	139	8.3	7.7
4. ATTENDANT									
PHYSICIAN IN HOSPITAL	1117	95.0	93.0	822	93.5	91.2	295	99.3	98.8
PHYSICIAN NOT IN HOSPITAL	4	0.3	0.2	4	0.5	0.2	0	0.0	0.2
CERTIFIED NURSE MIDWIFE	49	4.2	6.0	48	5.5	7.7	1	0.3	0.7
OTHER ATTENDANT	6	0.5	0.7	5	0.6	0.8	1	0.3	0.3
5. PREMATURE BIRTHS	99	8.4	7.3	57	6.5	5.6	42	14.1	12.6
6. OUT OF WEDLOCK	234	19.9	16.9	79	9.0	6.9	155	52.2	48.2
7. OCCURRENCE									
TOTAL	2139	2.1	2.1	1204	1.7	1.7	935	2.8	2.8
TO RESIDENTS	547	25.6	25.8	328	27.2	27.8	219	23.4	23.2
FETAL & INFANT MORTALITY									
8. PERINATAL DEATHS	15	12.7	16.1	11	12.4	12.6	4	13.4	27.0
9. FETAL DEATHS	6	5.1	9.0	5	5.7	6.0	1	3.4	18.0
ATTENDANT									
PHYSICIAN IN HOSPITAL	6	100.0	93.9	5	100.0	92.0	1	100.0	95.8
PHYSICIAN NOT IN HOSPITAL	0	0.0	0.0	0	0.0	0.0	0	0.0	0.0
CERTIFIED NURSE MIDWIFE	0	0.0	4.1	0	0.0	8.0	0	0.0	0.0
OTHER ATTENDANT	0	0.0	2.0	0	0.0	0.0	0	0.0	4.2
OUT OF WEDLOCK	2	33.3	30.6	2	40.0	20.0	0	0.0	41.7
10. NEONATAL (UNDER 28 DAYS)	9	7.7	7.2	6	6.8	6.6	3	10.1	9.2
11. POSTNEONATAL (28 DAYS - 1 YEAR)	4	3.4	3.9	3	3.4	3.7	1	3.4	4.6
12. INFANT DEATHS (UNDER 1 YEAR)	13	11.1	11.1	9	10.2	10.2	4	13.5	13.8
DEATHS (EXCLUDING FETALS)									
13. TOTAL	551	6.1	5.9	440	5.9	5.5	111	6.6	7.5
MALES	288	6.7	6.6	229	6.4	6.1	59	7.6	8.6
FEMALES	263	5.5	5.3	211	5.5	5.0	52	5.8	6.5
14. AGE									
00-04 YEARS	13	2.7	3.0	9	2.4	2.7	4	3.8	3.8
05-14 YEARS	3	0.3	0.2	2	0.3	0.2	1	0.4	0.3
15-24 YEARS	7	0.3	0.4	7	0.3	0.4	0	0.0	0.3
25-34 YEARS	13	0.7	1.0	9	0.6	0.9	4	1.4	2.0
35-44 YEARS	25	2.2	1.9	16	1.8	1.6	9	3.8	3.1
45-54 YEARS	29	3.7	3.9	24	3.8	3.2	5	3.3	6.9
55-64 YEARS	60	10.0	11.6	43	8.9	10.1	17	15.0	17.5
65 AND OVER	401	48.7	46.9	330	50.4	47.0	71	42.2	46.6
15. PLACE OF DEATH									
HOSPITAL	276	50.1	51.2	217	49.3	49.2	59	53.2	57.4
OTHER INSTITUTION	113	20.5	21.6	98	22.3	23.3	15	13.5	16.0
HOME OR NON-INSTITUTION	162	29.4	27.3	125	28.4	27.5	37	33.3	26.6
16. OCCURRENCE									
TOTAL	1017	1.8	1.8	681	1.6	1.5	336	2.4	2.6
TO RESIDENTS	402	39.5	36.5	310	45.5	42.0	92	27.4	26.5
OTHER EVENTS									
17. MARRIAGES	698	7.7	7.7						
18. DIVORCES AND ANNULMENTS	290	3.2	3.3						

* SEE DEFINITIONS AND FORMULAS (SECTION VII)

SELECTED VITAL STATISTICS FOR 1989 AND 1985-1989

PAMLICO COUNTY

ITEM	TOTAL			WHITE			NONWHITE		
	NUMBER 1989	RATE* 1989	RATE* 85-89	NUMBER 1989	RATE* 1989	RATE* 85-89	NUMBER 1989	RATE* 1989	RATE* 85-89
POPULATION									
1. TOTAL	10952	0.2	0.2	7722	0.2	0.2	3230	0.2	0.2
MALES	5219	47.7	47.7	3727	48.3	48.2	1492	46.2	46.6
FEMALES	5733	52.3	52.3	3995	51.7	51.8	1738	53.8	53.4
2. NATURAL INCREASE	9	0.8	2.5	-10	-1.3	0.8	19	5.9	6.5
LIVE BIRTHS									
3. TOTAL	140	12.8	13.0	88	11.4	11.7	52	16.1	16.1
MALES	75	6.8	7.2	48	6.2	6.3	27	8.4	9.1
FEMALES	65	5.9	5.9	40	5.2	5.4	25	7.7	7.0
4. ATTENDANT									
PHYSICIAN IN HOSPITAL	133	95.0	88.1	82	93.2	84.8	51	98.1	93.6
PHYSICIAN NOT IN HOSPITAL	0	0.0	2.1	0	0.0	3.1	0	0.0	0.4
CERTIFIED NURSE MIDWIFE	7	5.0	9.4	6	6.8	11.4	1	1.9	6.0
OTHER ATTENDANT	0	0.0	0.4	0	0.0	0.7	0	0.0	0.0
5. PREMATURE BIRTHS	11	7.9	8.3	6	6.8	5.8	5	9.6	12.4
6. OUT OF WEDLOCK	43	30.7	27.2	8	9.1	6.3	35	67.3	62.2
7. OCCURRENCE									
TOTAL	0	0.0	0.0	0	0.0	0.0	0	0.0	0.0
TO RESIDENTS	0		100.0	0		100.0	0		
FETAL & INFANT MORTALITY									
8. PERINATAL DEATHS	4	28.0	23.5	3	33.3	17.7	1	18.9	33.1
9. FETAL DEATHS	3	21.0	13.8	2	22.2	11.1	1	18.9	18.4
ATTENDANT									
PHYSICIAN IN HOSPITAL	3	100.0	90.0	2	100.0	80.0	1	100.0	100.0
PHYSICIAN NOT IN HOSPITAL	0	0.0	0.0	0	0.0	0.0	0	0.0	0.0
CERTIFIED NURSE MIDWIFE	0	0.0	10.0	0	0.0	20.0	0	0.0	0.0
OTHER ATTENDANT	0	0.0	0.0	0	0.0	0.0	0	0.0	0.0
OUT OF WEDLOCK	1	33.3	40.0	0	0.0	0.0	1	100.0	80.0
10. NEONATAL (UNDER 28 DAYS)	1	7.1	9.8	1	11.4	6.7	0	0.0	15.0
11. POSTNEONATAL (28 DAYS - 1 YEAR)	0	0.0	4.2	0	0.0	6.8	0	0.0	0.0
12. INFANT DEATHS (UNDER 1 YEAR)	1	7.1	14.0	1	11.4	13.5	0	0.0	15.0
DEATHS (EXCLUDING FETALS)									
13. TOTAL	131	12.0	10.5	98	12.7	10.9	33	10.2	9.6
MALES	69	13.2	12.9	49	13.1	12.9	20	13.4	12.7
FEMALES	62	10.8	8.3	49	12.3	9.0	13	7.5	6.9
14. AGE									
00-04 YEARS	1	1.5	2.9	1	2.3	2.7	0	0.0	3.3
05-14 YEARS	1	0.6	0.4	1	1.0	0.6	0	0.0	0.0
15-24 YEARS	1	0.7	1.8	0	0.0	2.0	1	2.1	1.5
25-34 YEARS	2	1.2	1.5	2	1.8	1.1	0	0.0	2.3
35-44 YEARS	6	3.9	3.0	5	4.3	2.4	1	2.6	4.9
45-54 YEARS	7	6.0	5.3	2	2.3	4.2	5	17.0	8.1
55-64 YEARS	13	10.5	12.4	9	10.1	13.3	4	11.8	9.9
65 AND OVER	100	58.3	48.8	78	61.2	48.5	22	49.9	49.9
15. PLACE OF DEATH									
HOSPITAL	74	56.5	53.1	58	59.2	52.5	16	48.5	54.7
OTHER INSTITUTION	26	19.8	14.8	20	20.4	14.0	6	18.2	17.0
HOME OR NON-INSTITUTION	31	23.7	32.1	20	20.4	33.5	11	33.3	28.3
16. OCCURRENCE									
TOTAL	69	0.1	0.1	46	0.1	0.1	23	0.2	0.1
TO RESIDENTS	53	76.8	88.8	36	78.3	90.0	17	73.9	85.5
OTHER EVENTS									
17. MARRIAGES	104	9.5	8.7						
18. DIVORCES AND ANNULMENTS	35	3.2	2.3						

* SEE DEFINITIONS AND FORMULAS (SECTION VII)

SELECTED VITAL STATISTICS FOR 1989 AND 1985-1989

PASQUOTANK COUNTY

ITEM	TOTAL			WHITE			NONWHITE		
	NUMBER 1989	RATE* 1989	RATE* 85-89	NUMBER 1989	RATE* 1989	RATE* 85-89	NUMBER 1989	RATE* 1989	RATE* 85-89
POPULATION									
1. TOTAL	31433	0.5	0.5	20366	0.4	0.4	11067	0.7	0.7
MALES	14928	47.5	47.7	9838	48.3	48.4	5090	46.0	46.5
FEMALES	16505	52.5	52.3	10528	51.7	51.6	5977	54.0	53.5
2. NATURAL INCREASE	203	6.5	6.0	71	3.5	3.7	132	11.9	10.2
LIVE BIRTHS									
3. TOTAL	510	16.2	15.8	284	13.9	14.0	226	20.4	19.1
MALES	256	8.1	8.1	140	6.9	7.1	116	10.5	9.9
FEMALES	254	8.1	7.8	144	7.1	7.0	110	9.9	9.2
4. ATTENDANT									
PHYSICIAN IN HOSPITAL	490	96.1	93.4	265	93.3	89.3	225	99.6	98.8
PHYSICIAN NOT IN HOSPITAL	0	0.0	0.0	0	0.0	0.0	0	0.0	0.0
CERTIFIED NURSE MIDWIFE	19	3.7	6.5	18	6.3	10.6	1	0.4	1.2
OTHER ATTENDANT	1	0.2	0.1	1	0.4	0.1	0	0.0	0.0
5. PREMATURE BIRTHS	39	7.6	8.9	14	4.9	6.7	25	11.1	11.8
6. OUT OF WEDLOCK	172	33.7	30.3	42	14.8	10.7	130	57.5	55.9
7. OCCURRENCE									
TOTAL	942	0.9	1.0	656	1.0	1.0	286	0.8	0.9
TO RESIDENTS	464	49.3	48.1	262	39.9	39.9	202	70.6	66.0
FETAL & INFANT MORTALITY									
8. PERINATAL DEATHS	7	13.6	19.3	1	3.5	15.3	6	26.1	24.5
9. FETAL DEATHS	4	7.8	13.1	0	0.0	10.2	4	17.4	17.0
ATTENDANT									
PHYSICIAN IN HOSPITAL	4	100.0	93.8	0		92.9	4	100.0	94.4
PHYSICIAN NOT IN HOSPITAL	0	0.0	3.1	0		0.0	0	0.0	5.6
CERTIFIED NURSE MIDWIFE	0	0.0	3.1	0		7.1	0	0.0	0.0
OTHER ATTENDANT	0	0.0	0.0	0		0.0	0	0.0	0.0
OUT OF WEDLOCK	3	75.0	43.8	0		14.3	3	75.0	66.7
10. NEONATAL (UNDER 28 DAYS)	3	5.9	6.2	1	3.5	5.1	2	8.8	7.7
11. POSTNEONATAL (28 DAYS - 1 YEAR)	2	3.9	3.3	1	3.5	0.7	1	4.5	6.8
12. INFANT DEATHS (UNDER 1 YEAR)	5	9.8	9.6	2	7.0	5.9	3	13.3	14.4
DEATHS (EXCLUDING FETALS)									
13. TOTAL	307	9.8	9.8	213	10.5	10.3	94	8.5	8.9
MALES	142	9.5	9.9	102	10.4	10.2	40	7.9	9.4
FEMALES	165	10.0	9.7	111	10.5	10.4	54	9.0	8.4
14. AGE									
00-04 YEARS	5	2.3	2.7	2	1.4	2.0	3	3.6	3.9
05-14 YEARS	2	0.5	0.2	0	0.0	0.1	2	1.2	0.4
15-24 YEARS	4	0.7	0.8	2	0.6	0.6	2	0.8	0.9
25-34 YEARS	6	1.3	1.6	6	1.8	1.6	0	0.0	1.7
35-44 YEARS	9	2.1	2.0	1	0.4	1.4	8	5.8	3.3
45-54 YEARS	14	4.6	5.5	8	3.8	4.6	6	6.6	7.5
55-64 YEARS	43	14.6	13.9	26	13.2	12.7	17	17.6	16.4
65 AND OVER	224	51.1	53.1	168	55.0	54.6	56	42.1	49.5
15. PLACE OF DEATH									
HOSPITAL	196	63.8	63.4	125	58.7	61.5	71	75.5	67.4
OTHER INSTITUTION	66	21.5	18.7	56	26.3	20.8	10	10.6	14.3
HOME OR NON-INSTITUTION	45	14.7	17.9	32	15.0	17.7	13	13.8	18.4
16. OCCURRENCE									
TOTAL	431	0.7	0.7	318	0.7	0.7	113	0.8	0.9
TO RESIDENTS	243	56.4	58.1	174	54.7	56.0	69	61.1	63.3
OTHER EVENTS									
17. MARRIAGES	482	15.3	23.1						
18. DIVORCES AND ANNULMENTS	165	5.2	5.5						

* SEE DEFINITIONS AND FORMULAS (SECTION VII)

SELECTED VITAL STATISTICS FOR 1989 AND 1985-1989

PENDER COUNTY

ITEM	TOTAL			WHITE			NONWHITE		
	NUMBER 1989	RATE* 1989	RATE* 85-89	NUMBER 1989	RATE* 1989	RATE* 85-89	NUMBER 1989	RATE* 1989	RATE* 85-89
POPULATION									
1. TOTAL	27982	0.4	0.4	18305	0.4	0.3	9677	0.6	0.6
MALES	13552	48.4	48.6	9118	49.8	49.8	4434	45.8	46.5
FEMALES	14430	51.6	51.4	9187	50.2	50.2	5243	54.2	53.5
2. NATURAL INCREASE	136	4.9	4.1	68	3.7	3.3	68	7.0	5.5
LIVE BIRTHS									
3. TOTAL	403	14.4	13.4	231	12.6	12.1	172	17.8	15.8
MALES	200	7.1	6.8	114	6.2	6.1	86	8.9	8.0
FEMALES	203	7.3	6.6	117	6.4	5.9	86	8.9	7.8
4. ATTENDANT									
PHYSICIAN IN HOSPITAL	402	99.8	99.7	230	99.6	99.9	172	100.0	99.5
PHYSICIAN NOT IN HOSPITAL	0	0.0	0.2	0	0.0	0.0	0	0.0	0.5
CERTIFIED NURSE MIDWIFE	0	0.0	0.0	0	0.0	0.0	0	0.0	0.0
OTHER ATTENDANT	1	0.2	0.1	1	0.4	0.1	0	0.0	0.0
5. PREMATURE BIRTHS	23	5.7	8.5	6	2.6	6.3	17	9.9	11.6
6. OUT OF WEDLOCK	141	35.0	30.2	35	15.2	9.8	106	61.6	58.1
7. OCCURRENCE									
TOTAL	1	0.0	0.0	1	0.0	0.0	0	0.0	0.0
TO RESIDENTS	1	100.0	80.0	1	100.0	100.0	0		77.8
FETAL & INFANT MORTALITY									
8. PERINATAL DEATHS	7	17.2	20.2	3	12.9	15.6	4	22.9	26.5
9. FETAL DEATHS	5	12.3	12.4	2	8.6	8.8	3	17.1	17.2
ATTENDANT									
PHYSICIAN IN HOSPITAL	5	100.0	100.0	2	100.0	100.0	3	100.0	100.0
PHYSICIAN NOT IN HOSPITAL	0	0.0	0.0	0	0.0	0.0	0	0.0	0.0
CERTIFIED NURSE MIDWIFE	0	0.0	0.0	0	0.0	0.0	0	0.0	0.0
OTHER ATTENDANT	0	0.0	0.0	0	0.0	0.0	0	0.0	0.0
OUT OF WEDLOCK	3	60.0	59.1	1	50.0	22.2	2	66.7	84.6
10. NEONATAL (UNDER 28 DAYS)	2	5.0	8.0	1	4.3	6.9	1	5.8	9.4
11. POSTNEONATAL (28 DAYS - 1 YEAR)	4	10.0	4.0	3	13.0	6.0	1	5.8	1.4
12. INFANT DEATHS (UNDER 1 YEAR)	6	14.9	12.0	4	17.3	12.8	2	11.6	10.8
DEATHS (EXCLUDING FETALS)									
13. TOTAL	267	9.5	9.3	163	8.9	8.8	104	10.7	10.3
MALES	146	10.8	11.3	94	10.3	10.3	52	11.7	13.2
FEMALES	121	8.4	7.5	69	7.5	7.3	52	9.9	7.8
14. AGE									
00-04 YEARS	6	3.1	2.8	4	3.4	2.4	2	2.7	3.3
05-14 YEARS	1	0.2	0.3	0	0.0	0.3	1	0.6	0.3
15-24 YEARS	5	1.3	1.4	5	2.1	1.3	0	0.0	1.7
25-34 YEARS	10	2.4	1.8	7	2.5	1.4	3	2.0	2.4
35-44 YEARS	10	2.4	2.6	3	1.1	1.9	7	5.3	4.2
45-54 YEARS	22	7.5	6.1	12	5.9	4.9	10	11.3	8.8
55-64 YEARS	37	13.2	14.9	25	13.1	13.8	12	13.3	17.1
65 AND OVER	176	44.7	45.1	107	40.9	42.7	69	52.4	49.6
15. PLACE OF DEATH									
HOSPITAL	188	70.4	68.5	110	67.5	66.1	78	75.0	72.0
OTHER INSTITUTION	37	13.9	12.9	26	16.0	14.2	11	10.6	11.0
HOME OR NON-INSTITUTION	42	15.7	18.5	27	16.6	19.7	15	14.4	17.0
16. OCCURRENCE									
TOTAL	183	0.3	0.3	107	0.2	0.2	76	0.5	0.5
TO RESIDENTS	144	78.7	81.4	82	76.6	80.4	62	81.6	82.9
OTHER EVENTS									
17. MARRIAGES	210	7.5	7.9						
18. DIVORCES AND ANNULMENTS	80	2.9	2.7						

* SEE DEFINITIONS AND FORMULAS (SECTION VII)

SELECTED VITAL STATISTICS FOR 1989 AND 1985-1989

PERQUIMANS COUNTY

ITEM	TOTAL			WHITE			NONWHITE		
	NUMBER 1989	RATE* 1989	RATE* 85-89	NUMBER 1989	RATE* 1989	RATE* 85-89	NUMBER 1989	RATE* 1989	RATE* 85-89
POPULATION									
1. TOTAL	11269	0.2	0.2	7411	0.1	0.1	3658	0.2	0.2
MALES	5290	46.9	47.2	3492	47.1	47.2	1798	46.6	47.2
FEMALES	5979	53.1	52.8	3919	52.9	52.8	2060	53.4	52.8
2. NATURAL INCREASE	44	3.9	2.9	14	1.9	0.5	30	7.8	7.2
LIVE BIRTHS									
3. TOTAL	153	13.6	13.8	83	11.2	11.1	70	18.1	18.7
MALES	86	7.6	7.1	50	6.7	5.9	36	9.3	9.3
FEMALES	67	5.9	6.7	33	4.5	5.2	34	8.8	9.4
4. ATTENDANT									
PHYSICIAN IN HOSPITAL	150	98.0	96.8	82	98.8	94.8	68	97.1	98.9
PHYSICIAN NOT IN HOSPITAL	0	0.0	0.0	0	0.0	0.0	0	0.0	0.0
CERTIFIED NURSE MIDWIFE	3	2.0	3.1	1	1.2	4.9	2	2.9	1.1
OTHER ATTENDANT	0	0.0	0.1	0	0.0	0.3	0	0.0	0.0
5. PREMATURE BIRTHS	4	2.6	5.8	0	0.0	4.7	4	5.7	7.0
6. OUT OF WEDLOCK	49	32.0	34.2	8	9.6	10.1	41	58.6	60.4
7. OCCURRENCE									
TOTAL	0	0.0	0.0	0	0.0	0.0	0	0.0	0.0
TO RESIDENTS	0		100.0	0		100.0	0		
FETAL & INFANT MORTALITY									
8. PERINATAL DEATHS	4	25.5	27.7	4	46.0	27.9	0	0.0	27.5
9. FETAL DEATHS	4	25.5	19.8	4	46.0	20.3	0	0.0	19.3
ATTENDANT									
PHYSICIAN IN HOSPITAL	4	100.0	100.0	4	100.0	100.0	0		100.0
PHYSICIAN NOT IN HOSPITAL	0	0.0	0.0	0	0.0	0.0	0		0.0
CERTIFIED NURSE MIDWIFE	0	0.0	0.0	0	0.0	0.0	0		0.0
OTHER ATTENDANT	0	0.0	0.0	0	0.0	0.0	0		0.0
OUT OF WEDLOCK	3	75.0	33.3	3	75.0	37.5	0		28.6
10. NEONATAL (UNDER 28 DAYS)	0	0.0	8.1	0	0.0	7.8	0	0.0	8.4
11. POSTNEONATAL (28 DAYS - 1 YEAR)	2	13.1	5.4	1	12.0	5.2	1	14.3	5.7
12. INFANT DEATHS (UNDER 1 YEAR)	2	13.1	13.5	1	12.0	13.0	1	14.3	14.0
DEATHS (EXCLUDING FETALS)									
13. TOTAL	109	9.7	10.9	69	9.3	10.6	40	10.4	11.5
MALES	58	11.0	11.7	37	10.6	11.4	21	11.7	12.3
FEMALES	51	8.5	10.2	32	8.2	9.8	19	9.2	10.7
14. AGE									
00-04 YEARS	2	2.6	2.9	1	2.2	2.8	1	3.2	3.1
05-14 YEARS	0	0.0	0.3	0	0.0	0.5	0	0.0	0.0
15-24 YEARS	3	2.0	1.8	2	2.2	2.0	1	1.8	1.4
25-34 YEARS	3	1.8	1.7	2	1.8	1.4	1	1.7	2.3
35-44 YEARS	1	0.7	2.0	0	0.0	1.8	1	2.2	2.5
45-54 YEARS	7	6.0	5.6	5	6.1	4.8	2	5.7	7.5
55-64 YEARS	12	10.2	12.8	7	8.2	9.8	5	15.5	20.2
65 AND OVER	81	39.7	45.5	52	36.5	42.8	29	46.8	51.4
15. PLACE OF DEATH									
HOSPITAL	68	62.4	60.0	45	65.2	59.2	23	57.5	61.2
OTHER INSTITUTION	18	16.5	16.2	12	17.4	17.7	6	15.0	13.7
HOME OR NON-INSTITUTION	23	21.1	23.9	12	17.4	23.1	11	27.5	25.1
16. OCCURRENCE									
TOTAL	44	0.1	0.1	25	0.1	0.1	19	0.1	0.1
TO RESIDENTS	35	79.5	82.8	20	80.0	81.9	15	78.9	84.4
OTHER EVENTS									
17. MARRIAGES	73	6.5	6.2						
18. DIVORCES AND ANNULMENTS	45	4.0	4.0						

* SEE DEFINITIONS AND FORMULAS (SECTION VII)

SELECTED VITAL STATISTICS FOR 1989 AND 1985-1989

PERSON COUNTY

ITEM	TOTAL			WHITE			NONWHITE		
	NUMBER 1989	RATE* 1989	RATE* 85-89	NUMBER 1989	RATE* 1989	RATE* 85-89	NUMBER 1989	RATE* 1989	RATE* 85-89
POPULATION									
1. TOTAL	31426	0.5	0.5	21854	0.4	0.4	9572	0.6	0.6
MALES	14950	47.6	47.8	10490	48.0	48.1	4460	46.6	47.1
FEMALES	16476	52.4	52.2	11364	52.0	51.9	5112	53.4	52.9
2. NATURAL INCREASE	155	4.9	3.9	55	2.5	2.0	100	10.4	8.2
LIVE BIRTHS									
3. TOTAL	449	14.3	13.1	257	11.8	11.2	192	20.1	17.4
MALES	233	7.4	6.7	137	6.3	5.8	96	10.0	8.6
FEMALES	216	6.9	6.4	120	5.5	5.4	96	10.0	8.8
4. ATTENDANT									
PHYSICIAN IN HOSPITAL	429	95.5	96.2	239	93.0	94.1	190	99.0	99.2
PHYSICIAN NOT IN HOSPITAL	1	0.2	0.0	1	0.4	0.1	0	0.0	0.0
CERTIFIED NURSE MIDWIFE	17	3.8	3.5	16	6.2	5.5	1	0.5	0.7
OTHER ATTENDANT	2	0.4	0.2	1	0.4	0.3	1	0.5	0.1
5. PREMATURE BIRTHS	42	9.4	8.2	19	7.4	6.0	23	12.0	11.4
6. OUT OF WEDLOCK	137	30.5	30.1	33	12.8	10.0	104	54.2	58.8
7. OCCURRENCE									
TOTAL	3	0.0	0.1	2	0.0	0.0	1	0.0	0.1
TO RESIDENTS	3	100.0	86.7	2	100.0	87.2	1	100.0	86.3
FETAL & INFANT MORTALITY									
8. PERINATAL DEATHS	8	17.6	16.6	3	11.6	10.8	5	25.6	24.8
9. FETAL DEATHS	5	11.0	9.8	2	7.7	7.5	3	15.4	13.0
ATTENDANT									
PHYSICIAN IN HOSPITAL	5	100.0	95.0	2	100.0	88.9	3	100.0	100.0
PHYSICIAN NOT IN HOSPITAL	0	0.0	0.0	0	0.0	0.0	0	0.0	0.0
CERTIFIED NURSE MIDWIFE	0	0.0	5.0	0	0.0	11.1	0	0.0	0.0
OTHER ATTENDANT	0	0.0	0.0	0	0.0	0.0	0	0.0	0.0
OUT OF WEDLOCK	2	40.0	45.0	1	50.0	22.2	1	33.3	63.6
10. NEONATAL (UNDER 28 DAYS)	3	6.7	6.9	1	3.9	3.4	2	10.4	11.9
11. POSTNEONATAL (28 DAYS - 1 YEAR)	2	4.5	4.5	1	3.9	2.5	1	5.3	7.3
12. INFANT DEATHS (UNDER 1 YEAR)	5	11.1	11.3	2	7.8	5.9	3	15.6	19.1
DEATHS (EXCLUDING FETALS)									
13. TOTAL	294	9.4	9.2	202	9.2	9.2	92	9.6	9.3
MALES	151	10.1	10.6	97	9.2	10.0	54	12.1	11.7
FEMALES	143	8.7	8.0	105	9.2	8.4	38	7.4	7.0
14. AGE									
00-04 YEARS	7	3.4	3.1	2	1.5	1.6	5	7.6	5.9
05-14 YEARS	1	0.2	0.2	1	0.4	0.1	0	0.0	0.2
15-24 YEARS	2	0.5	1.1	2	0.7	0.9	0	0.0	1.3
25-34 YEARS	4	0.8	1.0	1	0.3	0.7	3	1.8	1.7
35-44 YEARS	10	2.2	2.6	4	1.2	1.8	6	4.2	4.5
45-54 YEARS	24	7.4	6.0	18	7.4	5.2	6	7.4	8.5
55-64 YEARS	41	13.5	14.2	20	8.8	12.5	21	27.9	19.2
65 AND OVER	205	46.4	46.4	154	46.7	45.7	51	45.7	48.4
15. PLACE OF DEATH									
HOSPITAL	175	59.5	62.9	112	55.4	60.7	63	68.5	67.9
OTHER INSTITUTION	47	16.0	15.4	39	19.3	17.6	8	8.7	10.8
HOME OR NON-INSTITUTION	72	24.5	21.6	51	25.2	21.7	21	22.8	21.3
16. OCCURRENCE									
TOTAL	211	0.4	0.4	148	0.3	0.3	63	0.4	0.5
TO RESIDENTS	192	91.0	90.5	132	89.2	91.8	60	95.2	87.7
OTHER EVENTS									
17. MARRIAGES	252	8.0	8.0						
18. DIVORCES AND ANNULMENTS	146	4.6	4.5						

* SEE DEFINITIONS AND FORMULAS (SECTION VII)

SELECTED VITAL STATISTICS FOR 1989 AND 1985-1989

PITT COUNTY

	TOTAL			WHITE			NONWHITE		
ITEM	NUMBER 1989	RATE* 1989	RATE* 85-89	NUMBER 1989	RATE* 1989	RATE* 85-89	NUMBER 1989	RATE* 1989	RATE* 85-89
POPULATION									
1. TOTAL	103889	1.6	1.6	68301	1.4	1.3	35588	2.2	2.2
MALES	48543	46.7	46.8	32652	47.8	47.8	15891	44.7	45.0
FEMALES	55346	53.3	53.2	35649	52.2	52.2	19697	55.3	55.0
2. NATURAL INCREASE	915	8.8	7.4	468	6.9	5.7	447	12.6	10.5
LIVE BIRTHS									
3. TOTAL	1719	16.5	15.4	901	13.2	12.7	818	23.0	20.5
MALES	900	8.7	7.9	477	7.0	6.6	423	11.9	10.4
FEMALES	819	7.9	7.6	424	6.2	6.2	395	11.1	10.1
4. ATTENDANT									
PHYSICIAN IN HOSPITAL	1711	99.5	99.7	898	99.7	99.7	813	99.4	99.6
PHYSICIAN NOT IN HOSPITAL	1	0.1	0.1	1	0.1	0.1	0	0.0	0.1
CERTIFIED NURSE MIDWIFE	2	0.1	0.1	1	0.1	0.1	1	0.1	0.0
OTHER ATTENDANT	5	0.3	0.1	1	0.1	0.1	4	0.5	0.2
5. PREMATURE BIRTHS	178	10.4	9.7	54	6.0	6.2	124	15.2	13.9
6. OUT OF WEDLOCK	600	34.9	32.2	68	7.5	7.4	532	65.0	61.0
7. OCCURRENCE									
TOTAL	2699	2.6	2.7	1370	2.0	2.0	1329	3.9	4.2
TO RESIDENTS	1679	62.2	58.1	873	63.7	61.5	806	60.6	54.6
FETAL & INFANT MORTALITY									
8. PERINATAL DEATHS	45	25.8	19.1	12	13.2	13.0	33	39.6	26.1
9. FETAL DEATHS	22	12.6	7.7	6	6.6	5.5	16	19.2	10.3
ATTENDANT									
PHYSICIAN IN HOSPITAL	21	95.5	96.7	6	100.0	100.0	15	93.8	94.6
PHYSICIAN NOT IN HOSPITAL	0	0.0	1.7	0	0.0	0.0	0	0.0	2.7
CERTIFIED NURSE MIDWIFE	0	0.0	0.0	0	0.0	0.0	0	0.0	0.0
OTHER ATTENDANT	1	4.5	1.7	0	0.0	0.0	1	6.3	2.7
OUT OF WEDLOCK	6	27.3	36.7	0	0.0	8.7	6	37.5	54.1
10. NEONATAL (UNDER 28 DAYS)	23	13.4	11.4	6	6.7	7.5	17	20.8	16.0
11. POSTNEONATAL (28 DAYS - 1 YEAR)	6	3.5	4.1	1	1.1	1.2	5	6.2	7.4
12. INFANT DEATHS (UNDER 1 YEAR)	29	16.9	15.4	7	7.8	8.7	22	26.9	23.3
DEATHS (EXCLUDING FETALS)									
13. TOTAL	804	7.7	8.1	433	6.3	7.0	371	10.4	10.1
MALES	407	8.4	8.9	219	6.7	7.5	188	11.8	11.7
FEMALES	397	7.2	7.3	214	6.0	6.5	183	9.3	8.7
14. AGE									
00-04 YEARS	31	4.5	4.0	7	1.8	2.1	24	7.8	6.2
05-14 YEARS	3	0.2	0.3	1	0.1	0.2	2	0.3	0.4
15-24 YEARS	14	0.6	0.6	7	0.4	0.5	7	1.0	0.6
25-34 YEARS	13	0.7	1.2	6	0.5	0.9	7	1.2	1.8
35-44 YEARS	35	2.7	2.9	10	1.2	1.6	25	5.5	5.3
45-54 YEARS	52	5.7	6.4	25	3.9	4.3	27	10.5	11.6
55-64 YEARS	123	15.7	15.8	64	11.9	12.2	59	23.7	23.4
65 AND OVER	533	51.4	54.3	313	45.9	51.3	220	61.8	59.9
15. PLACE OF DEATH									
HOSPITAL	452	56.2	56.8	233	53.8	53.0	219	59.0	61.6
OTHER INSTITUTION	122	15.2	15.3	59	13.6	17.5	63	17.0	12.4
HOME OR NON-INSTITUTION	230	28.6	27.9	141	32.6	29.4	89	24.0	25.9
16. OCCURRENCE									
TOTAL	1264	2.2	2.3	694	1.6	1.7	570	4.0	4.1
TO RESIDENTS	761	60.2	57.6	409	58.9	56.8	352	61.8	58.7
OTHER EVENTS									
17. MARRIAGES	886	8.5	8.1						
18. DIVORCES AND ANNULMENTS	481	4.6	4.3						

* SEE DEFINITIONS AND FORMULAS (SECTION VII)

SELECTED VITAL STATISTICS FOR 1989 AND 1985-1989

POLK COUNTY

ITEM	TOTAL			WHITE			NONWHITE		
	NUMBER 1989	RATE* 1989	RATE* 85-89	NUMBER 1989	RATE* 1989	RATE* 85-89	NUMBER 1989	RATE* 1989	RATE* 85-89
POPULATION									
1. TOTAL	15040	0.2	0.2	13931	0.3	0.3	1109	0.1	0.1
MALES	7112	47.3	47.3	6599	47.4	47.4	513	46.3	46.8
FEMALES	7928	52.7	52.7	7332	52.6	52.6	596	53.7	53.2
2. NATURAL INCREASE	-34	-2.3	-3.3	-47	-3.4	-3.8	13	11.7	3.5
LIVE BIRTHS									
3. TOTAL	159	10.6	9.5	136	9.8	9.0	23	20.7	14.9
MALES	69	4.6	4.5	57	4.1	4.2	12	10.8	8.2
FEMALES	90	6.0	4.9	79	5.7	4.8	11	9.9	6.8
4. ATTENDANT									
PHYSICIAN IN HOSPITAL	157	98.7	98.3	134	98.5	98.0	23	100.0	100.0
PHYSICIAN NOT IN HOSPITAL	0	0.0	0.3	0	0.0	0.3	0	0.0	0.0
CERTIFIED NURSE MIDWIFE	0	0.0	0.3	0	0.0	0.3	0	0.0	0.0
OTHER ATTENDANT	2	1.3	1.2	2	1.5	1.3	0	0.0	0.0
5. PREMATURE BIRTHS	10	6.3	6.5	8	5.9	5.9	2	8.7	10.5
6. OUT OF WEDLOCK	33	20.8	17.1	18	13.2	10.6	15	65.2	62.8
7. OCCURRENCE									
TOTAL	2	0.0	0.0	2	0.0	0.0	0	0.0	0.0
TO RESIDENTS	2	100.0	66.7	2	100.0	63.0	0		88.0
FETAL & INFANT MORTALITY									
8. PERINATAL DEATHS	1	6.3	10.1	1	7.4	8.3	0	0.0	23.0
9. FETAL DEATHS	0	0.0	1.4	0	0.0	0.0	0	0.0	11.5
ATTENDANT									
PHYSICIAN IN HOSPITAL	0		100.0	0			0		100.0
PHYSICIAN NOT IN HOSPITAL	0		0.0	0			0		0.0
CERTIFIED NURSE MIDWIFE	0		0.0	0			0		0.0
OTHER ATTENDANT	0		0.0	0			0		0.0
OUT OF WEDLOCK	0		100.0	0			0		100.0
10. NEONATAL (UNDER 28 DAYS)	1	6.3	8.7	1	7.4	8.3	0	0.0	11.6
11. POSTNEONATAL (28 DAYS - 1 YEAR)	0	0.0	10.2	0	0.0	10.0	0	0.0	11.6
12. INFANT DEATHS (UNDER 1 YEAR)	1	6.3	18.8	1	7.4	18.2	0	0.0	23.3
DEATHS (EXCLUDING FETALS)									
13. TOTAL	193	12.8	12.7	183	13.1	12.8	10	9.0	11.5
MALES	97	13.6	13.9	91	13.8	14.0	6	11.7	12.2
FEMALES	96	12.1	11.7	92	12.5	11.8	4	6.7	10.8
14. AGE									
00-04 YEARS	2	2.6	3.7	2	2.8	3.5	0	0.0	5.6
05-14 YEARS	1	0.6	0.2	1	0.7	0.3	0	0.0	0.0
15-24 YEARS	2	1.1	2.2	2	1.3	2.1	0	0.0	3.2
25-34 YEARS	1	0.5	0.7	1	0.6	0.8	0	0.0	0.0
35-44 YEARS	2	1.0	2.2	2	1.1	2.2	0	0.0	1.4
45-54 YEARS	6	3.6	3.9	5	3.1	3.5	1	11.0	10.0
55-64 YEARS	22	12.3	11.6	22	13.0	11.2	0	0.0	17.1
65 AND OVER	157	44.2	44.2	148	43.9	43.9	9	48.6	49.4
15. PLACE OF DEATH									
HOSPITAL	123	63.7	58.2	115	62.8	57.9	8	80.0	62.1
OTHER INSTITUTION	41	21.2	23.6	40	21.9	23.9	1	10.0	19.7
HOME OR NON-INSTITUTION	29	15.0	18.2	28	15.3	18.2	1	10.0	18.2
16. OCCURRENCE									
TOTAL	180	0.3	0.3	173	0.4	0.4	7	0.0	0.1
TO RESIDENTS	143	79.4	78.2	137	79.2	78.7	6	85.7	72.3
OTHER EVENTS									
17. MARRIAGES	88	5.9	7.0						
18. DIVORCES AND ANNULMENTS	39	2.6	2.9						

* SEE DEFINITIONS AND FORMULAS (SECTION VII)

SELECTED VITAL STATISTICS FOR 1989 AND 1985-1989

RANDOLPH COUNTY

	TOTAL			WHITE			NONWHITE		
ITEM	NUMBER 1989	RATE* 1989	RATE* 85-89	NUMBER 1989	RATE* 1989	RATE* 85-89	NUMBER 1989	RATE* 1989	RATE* 85-89
POPULATION									
1. TOTAL	104380	1.6	1.6	98001	2.0	1.9	6379	0.4	0.4
MALES	50425	48.3	48.4	47456	48.4	48.5	2969	46.5	47.0
FEMALES	53955	51.7	51.6	50545	51.6	51.5	3410	53.5	53.0
2. NATURAL INCREASE	731	7.0	6.3	666	6.8	6.0	65	10.2	10.5
LIVE BIRTHS									
3. TOTAL	1537	14.7	14.0	1402	14.3	13.6	135	21.2	20.8
MALES	819	7.8	7.3	755	7.7	7.1	64	10.0	10.1
FEMALES	718	6.9	6.7	647	6.6	6.5	71	11.1	10.6
4. ATTENDANT									
PHYSICIAN IN HOSPITAL	1488	96.8	96.7	1358	96.9	96.7	130	96.3	96.7
PHYSICIAN NOT IN HOSPITAL	3	0.2	0.1	2	0.1	0.1	1	0.7	0.3
CERTIFIED NURSE MIDWIFE	41	2.7	2.5	37	2.6	2.6	4	3.0	1.7
OTHER ATTENDANT	5	0.3	0.7	5	0.4	0.6	0	0.0	1.4
5. PREMATURE BIRTHS	95	6.2	7.0	80	5.7	6.5	15	11.1	11.3
6. OUT OF WEDLOCK	268	17.4	15.9	189	13.5	11.7	79	58.5	55.6
7. OCCURRENCE									
TOTAL	493	0.5	0.5	431	0.6	0.6	62	0.2	0.2
TO RESIDENTS	471	95.5	94.2	413	95.8	93.8	58	93.5	96.6
FETAL & INFANT MORTALITY									
8. PERINATAL DEATHS	16	10.4	12.5	12	8.5	10.4	4	29.0	32.6
9. FETAL DEATHS	8	5.2	6.7	5	3.6	5.7	3	21.7	16.3
ATTENDANT									
PHYSICIAN IN HOSPITAL	7	87.5	93.8	5	100.0	97.3	2	66.7	81.8
PHYSICIAN NOT IN HOSPITAL	1	12.5	2.1	0	0.0	0.0	1	33.3	9.1
CERTIFIED NURSE MIDWIFE	0	0.0	0.0	0	0.0	0.0	0	0.0	0.0
OTHER ATTENDANT	0	0.0	4.2	0	0.0	2.7	0	0.0	9.1
OUT OF WEDLOCK	2	25.0	22.9	1	20.0	16.2	1	33.3	45.5
10. NEONATAL (UNDER 28 DAYS)	8	5.2	5.8	7	5.0	4.7	1	7.4	16.6
11. POSTNEONATAL (28 DAYS - 1 YEAR)	8	5.2	4.3	7	5.0	4.1	1	7.5	6.1
12. INFANT DEATHS (UNDER 1 YEAR)	16	10.4	10.0	14	10.0	8.7	2	14.8	22.6
DEATHS (EXCLUDING FETALS)									
13. TOTAL	806	7.7	7.8	736	7.5	7.6	70	11.0	10.3
MALES	456	9.0	9.0	417	8.8	8.9	39	13.1	10.8
FEMALES	350	6.5	6.6	319	6.3	6.4	31	9.1	9.7
14. AGE									
00-04 YEARS	19	2.9	2.6	17	2.8	2.3	2	4.5	7.1
05-14 YEARS	2	0.1	0.2	1	0.1	0.2	1	1.1	0.2
15-24 YEARS	25	1.6	1.3	24	1.7	1.4	1	0.9	1.0
25-34 YEARS	24	1.4	1.3	19	1.2	1.2	5	4.5	3.3
35-44 YEARS	31	1.9	1.8	28	1.9	1.7	3	3.1	3.1
45-54 YEARS	70	5.7	4.8	64	5.5	4.5	6	9.6	9.9
55-64 YEARS	116	11.6	12.1	105	11.0	11.5	11	22.9	23.6
65 AND OVER	519	41.5	44.7	478	40.6	44.3	41	55.6	51.7
15. PLACE OF DEATH									
HOSPITAL	465	57.7	59.0	424	57.6	58.8	41	58.6	61.6
OTHER INSTITUTION	157	19.5	18.2	146	19.8	18.7	11	15.7	12.2
HOME OR NON-INSTITUTION	184	22.8	22.8	166	22.6	22.5	18	25.7	26.2
16. OCCURRENCE									
TOTAL	584	1.0	0.9	530	1.2	1.1	54	0.4	0.3
TO RESIDENTS	519	88.9	90.1	478	90.2	90.8	41	75.9	83.0
OTHER EVENTS									
17. MARRIAGES	817	7.8	7.7						
18. DIVORCES AND ANNULMENTS	383	3.7	3.3						

* SEE DEFINITIONS AND FORMULAS (SECTION VII)

SELECTED VITAL STATISTICS FOR 1989 AND 1985-1989

RICHMOND COUNTY

ITEM	TOTAL			WHITE			NONWHITE		
	NUMBER 1989	RATE* 1989	RATE* 85-89	NUMBER 1989	RATE* 1989	RATE* 85-89	NUMBER 1989	RATE* 1989	RATE* 85-89
POPULATION									
1. TOTAL	45929	0.7	0.7	34100	0.7	0.7	11829	0.7	0.8
MALES	21858	47.6	47.7	16413	48.1	48.1	5445	46.0	46.5
FEMALES	24071	52.4	52.3	17687	51.9	51.9	6384	54.0	53.5
2. NATURAL INCREASE	150	3.3	2.9	14	0.4	1.1	136	11.5	7.9
LIVE BIRTHS									
3. TOTAL	666	14.5	13.4	371	10.9	11.0	295	24.9	19.9
MALES	353	7.7	6.9	206	6.0	5.8	147	12.4	10.0
FEMALES	313	6.8	6.5	165	4.8	5.2	148	12.5	9.9
4. ATTENDANT									
PHYSICIAN IN HOSPITAL	663	99.5	99.6	370	99.7	99.8	293	99.3	99.3
PHYSICIAN NOT IN HOSPITAL	2	0.3	0.3	0	0.0	0.1	2	0.7	0.6
CERTIFIED NURSE MIDWIFE	1	0.2	0.1	1	0.3	0.2	0	0.0	0.0
OTHER ATTENDANT	0	0.0	0.1	0	0.0	0.0	0	0.0	0.2
5. PREMATURE BIRTHS	55	8.3	8.1	19	5.1	6.3	36	12.2	10.8
6. OUT OF WEDLOCK	252	37.8	30.9	68	18.3	13.0	184	62.4	58.3
7. OCCURRENCE									
TOTAL	437	0.4	0.4	210	0.3	0.3	227	0.7	0.6
TO RESIDENTS	394	90.2	90.7	184	87.6	89.3	210	92.5	92.4
FETAL & INFANT MORTALITY									
8. PERINATAL DEATHS	10	14.9	17.8	2	5.4	13.4	8	26.8	24.5
9. FETAL DEATHS	5	7.5	7.4	1	2.7	5.3	4	13.4	10.6
ATTENDANT									
PHYSICIAN IN HOSPITAL	4	80.0	95.7	1	100.0	100.0	3	75.0	92.3
PHYSICIAN NOT IN HOSPITAL	0	0.0	0.0	0	0.0	0.0	0	0.0	0.0
CERTIFIED NURSE MIDWIFE	0	0.0	0.0	0	0.0	0.0	0	0.0	0.0
OTHER ATTENDANT	1	20.0	4.3	0	0.0	0.0	1	25.0	7.7
OUT OF WEDLOCK	4	80.0	43.5	0	0.0	10.0	4	100.0	69.2
10. NEONATAL (UNDER 28 DAYS)	5	7.5	10.4	1	2.7	8.1	4	13.6	14.0
11. POSTNEONATAL (28 DAYS - 1 YEAR)	3	4.5	4.6	3	8.1	5.4	0	0.0	3.3
12. INFANT DEATHS (UNDER 1 YEAR)	8	12.0	15.0	4	10.8	13.4	4	13.6	17.3
DEATHS (EXCLUDING FETALS)									
13. TOTAL	516	11.2	10.4	357	10.5	9.9	159	13.4	11.9
MALES	264	12.1	11.7	187	11.4	11.0	77	14.1	13.6
FEMALES	252	10.5	9.3	170	9.6	8.9	82	12.8	10.5
14. AGE									
00-04 YEARS	9	3.0	3.9	5	2.4	3.0	4	4.4	5.7
05-14 YEARS	4	0.6	0.4	3	0.7	0.4	1	0.5	0.4
15-24 YEARS	6	0.9	1.4	3	0.6	1.4	3	1.6	1.4
25-34 YEARS	14	2.0	1.6	12	2.3	1.4	2	1.1	2.0
35-44 YEARS	28	4.3	2.7	17	3.4	2.1	11	7.2	4.7
45-54 YEARS	44	9.1	7.0	31	8.1	5.9	13	13.1	10.9
55-64 YEARS	62	13.3	14.3	41	11.2	13.4	21	21.3	20.0
65 AND OVER	349	53.7	51.8	245	49.4	48.7	104	67.5	61.4
15. PLACE OF DEATH									
HOSPITAL	363	70.3	73.1	254	71.1	74.7	109	68.6	69.4
OTHER INSTITUTION	67	13.0	12.2	47	13.2	11.8	20	12.6	13.0
HOME OR NON-INSTITUTION	86	16.7	14.7	56	15.7	13.5	30	18.9	17.6
16. OCCURRENCE									
TOTAL	395	0.7	0.6	263	0.6	0.5	132	0.9	0.6
TO RESIDENTS	358	90.6	92.1	242	92.0	92.5	116	87.9	91.3
OTHER EVENTS									
17. MARRIAGES	224	4.9	4.8						
18. DIVORCES AND ANNULMENTS	231	5.0	4.6						

* SEE DEFINITIONS AND FORMULAS (SECTION VII)

SELECTED VITAL STATISTICS FOR 1989 AND 1985-1989

ROBESON COUNTY

ITEM	TOTAL NUMBER 1989	TOTAL RATE* 1989	TOTAL RATE* 85-89	WHITE NUMBER 1989	WHITE RATE* 1989	WHITE RATE* 85-89	NONWHITE NUMBER 1989	NONWHITE RATE* 1989	NONWHITE RATE* 85-89
POPULATION									
1. TOTAL	107640	1.6	1.7	40741	0.8	0.8	66899	4.2	4.2
MALES	50469	46.9	47.2	19448	47.7	47.8	31021	46.4	46.8
FEMALES	57171	53.1	52.8	21293	52.3	52.2	35878	53.6	53.2
2. NATURAL INCREASE	892	8.3	7.8	27	0.7	0.7	865	12.9	12.1
LIVE BIRTHS									
3. TOTAL	1890	17.6	16.9	476	11.7	11.0	1414	21.1	20.5
MALES	940	8.7	8.5	230	5.6	5.5	710	10.6	10.4
FEMALES	950	8.8	8.3	246	6.0	5.4	704	10.5	10.1
4. ATTENDANT									
PHYSICIAN IN HOSPITAL	1707	90.3	94.5	419	88.0	94.1	1288	91.1	94.7
PHYSICIAN NOT IN HOSPITAL	1	0.1	0.2	1	0.2	0.2	0	0.0	0.2
CERTIFIED NURSE MIDWIFE	180	9.5	5.1	55	11.6	5.6	125	8.8	5.0
OTHER ATTENDANT	2	0.1	0.1	1	0.2	0.1	1	0.1	0.1
5. PREMATURE BIRTHS	181	9.6	9.6	34	7.1	7.0	147	10.4	10.4
6. OUT OF WEDLOCK	992	52.5	45.7	107	22.5	19.2	885	62.6	54.4
7. OCCURRENCE									
TOTAL	1234	1.2	1.4	391	0.6	0.6	843	2.5	3.2
TO RESIDENTS	1133	91.8	92.1	328	83.9	82.1	805	95.5	96.3
FETAL & INFANT MORTALITY									
8. PERINATAL DEATHS	32	16.7	17.8	4	8.3	15.1	28	19.5	18.6
9. FETAL DEATHS	26	13.6	10.2	4	8.3	8.0	22	15.3	10.9
ATTENDANT									
PHYSICIAN IN HOSPITAL	26	100.0	95.7	4	100.0	100.0	22	100.0	94.7
PHYSICIAN NOT IN HOSPITAL	0	0.0	2.2	0	0.0	0.0	0	0.0	2.7
CERTIFIED NURSE MIDWIFE	0	0.0	1.1	0	0.0	0.0	0	0.0	1.3
OTHER ATTENDANT	0	0.0	1.1	0	0.0	0.0	0	0.0	1.3
OUT OF WEDLOCK	13	50.0	49.5	0	0.0	11.1	13	59.1	58.7
10. NEONATAL (UNDER 28 DAYS)	6	3.2	7.6	0	0.0	7.2	6	4.2	7.8
11. POSTNEONATAL (28 DAYS - 1 YEAR)	14	7.4	5.9	2	4.2	4.5	12	8.5	6.4
12. INFANT DEATHS (UNDER 1 YEAR)	20	10.6	13.5	2	4.2	11.7	18	12.7	14.1
DEATHS (EXCLUDING FETALS)									
13. TOTAL	998	9.3	9.1	449	11.0	10.3	549	8.2	8.4
MALES	554	11.0	10.6	235	12.1	11.3	319	10.3	10.2
FEMALES	444	7.8	7.7	214	10.1	9.4	230	6.4	6.7
14. AGE									
00-04 YEARS	27	3.2	3.6	2	0.[illegible]	2.2	25	4.1	4.1
05-14 YEARS	13	0.7	0.5	3	0.6	0.2	10	0.8	0.7
15-24 YEARS	22	1.2	1.2	7	1.2	0.9	15	1.2	1.4
25-34 YEARS	38	2.2	2.2	7	1.1	1.0	31	2.8	2.9
35-44 YEARS	44	2.9	3.3	9	1.5	2.0	35	3.9	4.2
45-54 YEARS	69	6.9	6.9	27	5.7	5.6	42	8.0	8.1
55-64 YEARS	155	17.7	16.7	85	19.8	15.1	70	15.6	18.3
65 AND OVER	630	52.9	53.6	309	51.3	51.5	321	54.6	55.7
15. PLACE OF DEATH									
HOSPITAL	630	63.1	64.7	285	63.5	64.7	345	62.8	64.8
OTHER INSTITUTION	178	17.8	16.7	91	20.3	18.4	87	15.8	15.5
HOME OR NON-INSTITUTION	190	19.0	18.5	73	16.3	16.9	117	21.3	19.7
16. OCCURRENCE									
TOTAL	846	1.5	1.6	400	0.9	1.0	446	3.1	3.4
TO RESIDENTS	717	84.8	81.7	330	82.5	77.3	387	86.8	85.5
OTHER EVENTS									
17. MARRIAGES	376	3.5	3.4						
18. DIVORCES AND ANNULMENTS	332	3.1	3.3						

* SEE DEFINITIONS AND FORMULAS (SECTION VII)

SELECTED VITAL STATISTICS FOR 1989 AND 1985-1989

ROCKINGHAM COUNTY

ITEM	TOTAL			WHITE			NONWHITE		
	NUMBER 1989	RATE* 1989	RATE* 85-89	NUMBER 1989	RATE* 1989	RATE* 85-89	NUMBER 1989	RATE* 1989	RATE* 85-89
POPULATION									
1. TOTAL	86261	1.3	1.3	68723	1.4	1.4	17538	1.1	1.1
MALES	41163	47.7	47.8	33090	48.1	48.1	8073	46.0	46.4
FEMALES	45098	52.3	52.2	35633	51.9	51.9	9465	54.0	53.6
2. NATURAL INCREASE	319	3.7	3.5	165	2.4	2.8	154	8.8	6.3
LIVE BIRTHS									
3. TOTAL	1204	14.0	13.4	866	12.6	12.6	338	19.3	16.5
MALES	608	7.0	6.8	443	6.4	6.4	165	9.4	8.3
FEMALES	596	6.9	6.7	423	6.2	6.2	173	9.9	8.3
4. ATTENDANT									
PHYSICIAN IN HOSPITAL	1198	99.5	99.4	862	99.5	99.4	336	99.4	99.2
PHYSICIAN NOT IN HOSPITAL	2	0.2	0.1	1	0.1	0.0	1	0.3	0.2
CERTIFIED NURSE MIDWIFE	2	0.2	0.2	2	0.2	0.3	0	0.0	0.0
OTHER ATTENDANT	2	0.2	0.3	1	0.1	0.2	1	0.3	0.5
5. PREMATURE BIRTHS	108	9.0	7.5	64	7.4	6.1	44	13.0	11.6
6. OUT OF WEDLOCK	349	29.0	25.4	136	15.7	12.8	213	63.0	62.5
7. OCCURRENCE									
TOTAL	1014	1.0	0.9	662	1.0	0.9	352	1.0	0.9
TO RESIDENTS	827	81.6	86.5	547	82.6	87.6	280	79.5	84.4
FETAL & INFANT MORTALITY									
8. PERINATAL DEATHS	14	11.5	13.6	8	9.2	11.3	6	17.5	20.3
9. FETAL DEATHS	9	7.4	8.1	5	5.7	7.2	4	11.7	10.8
ATTENDANT									
PHYSICIAN IN HOSPITAL	9	100.0	93.6	5	100.0	93.5	4	100.0	93.8
PHYSICIAN NOT IN HOSPITAL	0	0.0	2.1	0	0.0	0.0	0	0.0	6.3
CERTIFIED NURSE MIDWIFE	0	0.0	0.0	0	0.0	0.0	0	0.0	0.0
OTHER ATTENDANT	0	0.0	4.3	0	0.0	6.5	0	0.0	0.0
OUT OF WEDLOCK	4	44.4	46.8	0	0.0	22.6	4	100.0	93.8
10. NEONATAL (UNDER 28 DAYS)	5	4.2	5.6	3	3.5	4.2	2	5.9	9.6
11. POSTNEONATAL (28 DAYS - 1 YEAR)	4	3.3	4.4	1	1.2	2.8	3	8.9	9.0
12. INFANT DEATHS (UNDER 1 YEAR)	9	7.5	9.9	4	4.6	7.0	5	14.8	18.4
DEATHS (EXCLUDING FETALS)									
13. TOTAL	885	10.3	9.9	701	10.2	9.6	184	10.5	10.2
MALES	470	11.4	11.0	378	11.4	10.8	92	11.4	11.6
FEMALES	415	9.2	8.9	323	9.1	8.9	92	9.7	9.1
14. AGE									
00-04 YEARS	12	2.3	2.7	7	1.7	2.1	5	4.1	4.5
05-14 YEARS	2	0.2	0.3	0	0.0	0.2	2	0.7	0.4
15-24 YEARS	16	1.2	1.2	11	1.1	1.3	5	1.6	1.1
25-34 YEARS	28	2.0	1.5	18	1.6	1.3	10	3.4	2.5
35-44 YEARS	33	2.6	2.6	24	2.4	2.3	9	3.6	4.1
45-54 YEARS	54	5.7	5.6	45	5.7	4.8	9	5.9	9.6
55-64 YEARS	134	15.7	14.4	107	15.0	12.9	27	19.4	21.9
65 AND OVER	606	51.8	51.9	489	49.4	50.3	117	64.6	60.6
15. PLACE OF DEATH									
HOSPITAL	565	63.8	66.0	443	63.2	65.1	122	66.3	69.2
OTHER INSTITUTION	114	12.9	14.2	93	13.3	14.9	21	11.4	11.6
HOME OR NON-INSTITUTION	206	23.3	19.9	165	23.5	20.0	41	22.3	19.3
16. OCCURRENCE									
TOTAL	670	1.2	1.2	513	1.2	1.2	157	1.1	1.1
TO RESIDENTS	626	93.4	90.3	492	95.9	91.4	134	85.4	86.9
OTHER EVENTS									
17. MARRIAGES	735	8.5	9.1						
18. DIVORCES AND ANNULMENTS	406	4.7	4.9						

* SEE DEFINITIONS AND FORMULAS (SECTION VII)

SELECTED VITAL STATISTICS FOR 1989 AND 1985-1989

ROWAN COUNTY

ITEM	TOTAL NUMBER 1989	TOTAL RATE* 1989	TOTAL RATE* 85-89	WHITE NUMBER 1989	WHITE RATE* 1989	WHITE RATE* 85-89	NONWHITE NUMBER 1989	NONWHITE RATE* 1989	NONWHITE RATE* 85-89
POPULATION									
1. TOTAL	108031	1.6	1.6	90930	1.8	1.8	17101	1.1	1.1
MALES	51859	48.0	48.1	43840	48.2	48.2	8019	46.9	47.3
FEMALES	56172	52.0	51.9	47090	51.8	51.8	9082	53.1	52.7
2. NATURAL INCREASE	392	3.6	3.4	226	2.5	2.3	166	9.7	9.3
LIVE BIRTHS									
3. TOTAL	1545	14.3	13.7	1198	13.2	12.5	347	20.3	20.1
MALES	794	7.3	6.9	624	6.9	6.4	170	9.9	9.5
FEMALES	751	7.0	6.8	574	6.3	6.1	177	10.4	10.5
4. ATTENDANT									
PHYSICIAN IN HOSPITAL	1535	99.4	99.3	1190	99.3	99.3	345	99.4	99.0
PHYSICIAN NOT IN HOSPITAL	3	0.2	0.2	2	0.2	0.1	1	0.3	0.5
CERTIFIED NURSE MIDWIFE	4	0.3	0.4	3	0.3	0.5	1	0.3	0.2
OTHER ATTENDANT	3	0.2	0.2	3	0.3	0.1	0	0.0	0.4
5. PREMATURE BIRTHS	109	7.1	7.4	72	6.0	6.0	37	10.7	11.8
6. OUT OF WEDLOCK	382	24.7	22.3	156	13.0	10.4	226	65.1	61.2
7. OCCURRENCE									
TOTAL	1171	1.1	1.1	889	1.3	1.3	282	0.8	0.9
TO RESIDENTS	1090	93.1	92.3	815	91.7	91.1	275	97.5	95.7
FETAL & INFANT MORTALITY									
8. PERINATAL DEATHS	25	16.0	16.1	17	14.1	14.2	8	22.5	22.5
9. FETAL DEATHS	16	10.2	9.9	8	6.6	7.9	8	22.5	16.2
ATTENDANT									
PHYSICIAN IN HOSPITAL	15	93.8	97.2	8	100.0	100.0	7	87.5	92.9
PHYSICIAN NOT IN HOSPITAL	0	0.0	1.4	0	0.0	0.0	0	0.0	3.6
CERTIFIED NURSE MIDWIFE	0	0.0	0.0	0	0.0	0.0	0	0.0	0.0
OTHER ATTENDANT	1	6.3	1.4	0	0.0	0.0	1	12.5	3.6
OUT OF WEDLOCK	6	37.5	40.3	0	0.0	18.2	6	75.0	75.0
10. NEONATAL (UNDER 28 DAYS)	9	5.8	6.4	9	7.5	6.3	0	0.0	6.5
11. POSTNEONATAL (28 DAYS - 1 YEAR)	5	3.3	4.9	5	4.2	4.5	0	0.0	5.9
12. INFANT DEATHS (UNDER 1 YEAR)	14	9.1	11.2	14	11.7	10.8	0	0.0	12.3
DEATHS (EXCLUDING FETALS)									
13. TOTAL	1153	10.7	10.3	972	10.7	10.2	181	10.6	10.8
MALES	600	11.6	11.7	496	11.3	11.5	104	13.0	12.9
FEMALES	553	9.8	9.0	476	10.1	9.0	77	8.5	8.9
14. AGE									
00-04 YEARS	15	2.3	2.8	14	2.6	2.5	1	0.8	4.0
05-14 YEARS	3	0.2	0.3	3	0.3	0.3	0	0.0	0.4
15-24 YEARS	25	1.6	1.2	18	1.5	1.2	7	2.0	0.9
25-34 YEARS	33	2.0	1.1	17	1.2	0.9	16	5.6	2.2
35-44 YEARS	22	1.4	2.0	14	1.1	1.6	8	3.5	4.7
45-54 YEARS	58	5.1	6.1	46	4.6	5.5	12	8.3	10.6
55-64 YEARS	152	13.5	13.0	127	12.7	11.7	25	20.0	22.9
65 AND OVER	845	48.2	48.0	733	46.9	46.3	112	58.5	61.1
15. PLACE OF DEATH									
HOSPITAL	613	53.2	56.7	528	54.3	57.2	85	47.0	54.4
OTHER INSTITUTION	295	25.6	22.1	241	24.8	22.0	54	29.8	22.6
HOME OR NON-INSTITUTION	245	21.2	21.1	203	20.9	20.7	42	23.2	23.0
16. OCCURRENCE									
TOTAL	1188	2.1	2.1	983	2.3	2.2	205	1.4	1.6
TO RESIDENTS	885	74.5	71.4	733	74.6	71.4	152	74.1	71.4
OTHER EVENTS									
17. MARRIAGES	867	8.0	8.1						
18. DIVORCES AND ANNULMENTS	401	3.7	3.7						

* SEE DEFINITIONS AND FORMULAS (SECTION VII)

SELECTED VITAL STATISTICS FOR 1989 AND 1985-1989

RUTHERFORD COUNTY

ITEM	TOTAL			WHITE			NONWHITE		
	NUMBER 1989	RATE* 1989	RATE* 85-89	NUMBER 1989	RATE* 1989	RATE* 85-89	NUMBER 1989	RATE* 1989	RATE* 85-89
POPULATION									
1. TOTAL	58222	0.9	0.9	50492	1.0	1.0	7730	0.5	0.5
MALES	27590	47.4	47.5	24137	47.8	47.8	3453	44.7	45.3
FEMALES	30632	52.6	52.5	26355	52.2	52.2	4277	55.3	54.7
2. NATURAL INCREASE	216	3.7	3.0	140	2.8	1.9	76	9.8	9.9
LIVE BIRTHS									
3. TOTAL	820	14.1	13.2	669	13.2	12.5	151	19.5	17.7
MALES	431	7.4	6.6	348	6.9	6.3	83	10.7	9.0
FEMALES	389	6.7	6.5	321	6.4	6.2	68	8.8	8.7
4. ATTENDANT									
PHYSICIAN IN HOSPITAL	813	99.1	98.9	663	99.1	98.7	150	99.3	99.7
PHYSICIAN NOT IN HOSPITAL	3	0.4	0.2	3	0.4	0.2	0	0.0	0.0
CERTIFIED NURSE MIDWIFE	3	0.4	0.5	2	0.3	0.6	1	0.7	0.1
OTHER ATTENDANT	1	0.1	0.4	1	0.1	0.5	0	0.0	0.1
5. PREMATURE BIRTHS	60	7.3	7.7	35	5.2	6.2	25	16.6	14.8
6. OUT OF WEDLOCK	200	24.4	22.9	103	15.4	14.0	97	64.2	64.4
7. OCCURRENCE									
TOTAL	765	0.7	0.7	615	0.9	0.9	150	0.4	0.4
TO RESIDENTS	658	86.0	86.1	525	85.4	84.9	133	88.7	91.5
FETAL & INFANT MORTALITY									
8. PERINATAL DEATHS	19	22.9	20.4	13	19.2	18.1	6	39.0	30.7
9. FETAL DEATHS	11	13.2	12.8	8	11.8	10.8	3	19.5	21.9
ATTENDANT									
PHYSICIAN IN HOSPITAL	11	100.0	100.0	8	100.0	100.0	3	100.0	100.0
PHYSICIAN NOT IN HOSPITAL	0	0.0	0.0	0	0.0	0.0	0	0.0	0.0
CERTIFIED NURSE MIDWIFE	0	0.0	0.0	0	0.0	0.0	0	0.0	0.0
OTHER ATTENDANT	0	0.0	0.0	0	0.0	0.0	0	0.0	0.0
OUT OF WEDLOCK	4	36.4	46.9	2	25.0	32.4	2	66.7	80.0
10. NEONATAL (UNDER 28 DAYS)	8	9.8	7.7	5	7.5	7.4	3	19.9	9.0
11. POSTNEONATAL (28 DAYS - 1 YEAR)	4	4.9	2.1	4	6.0	2.3	0	0.0	1.5
12. INFANT DEATHS (UNDER 1 YEAR)	12	14.6	9.8	9	13.5	9.6	3	19.9	10.5
DEATHS (EXCLUDING FETALS)									
13. TOTAL	604	10.4	10.2	529	10.5	10.6	75	9.7	7.8
MALES	317	11.5	11.5	273	11.3	11.8	44	12.7	9.2
FEMALES	287	9.4	9.1	256	9.7	9.4	31	7.2	6.6
14. AGE									
00-04 YEARS	13	3.3	2.4	9	2.7	2.2	4	6.2	3.1
05-14 YEARS	1	0.1	0.3	0	0.0	0.3	1	0.7	0.4
15-24 YEARS	12	1.4	1.3	9	1.3	1.3	3	2.1	0.9
25-34 YEARS	11	1.3	1.8	8	1.1	1.6	3	2.4	2.6
35-44 YEARS	20	2.5	2.4	16	2.2	2.2	4	4.0	3.9
45-54 YEARS	52	8.3	5.5	46	8.1	5.2	6	9.4	7.9
55-64 YEARS	69	11.7	13.8	61	11.4	14.0	8	14.3	12.5
65 AND OVER	426	47.6	48.3	380	46.7	48.5	46	56.6	45.9
15. PLACE OF DEATH									
HOSPITAL	362	59.9	63.5	316	59.7	63.7	46	61.3	61.9
OTHER INSTITUTION	115	19.0	18.3	104	19.7	18.5	11	14.7	16.3
HOME OR NON-INSTITUTION	127	21.0	18.2	109	20.6	17.8	18	24.0	21.8
16. OCCURRENCE									
TOTAL	489	0.8	0.9	429	1.0	1.0	60	0.4	0.4
TO RESIDENTS	446	91.2	90.3	394	91.8	91.4	52	86.7	81.6
OTHER EVENTS									
17. MARRIAGES	375	6.4	6.3						
18. DIVORCES AND ANNULMENTS	325	5.6	5.1						

* SEE DEFINITIONS AND FORMULAS (SECTION VII)

SELECTED VITAL STATISTICS FOR 1989 AND 1985-1989

SAMPSON COUNTY

ITEM	TOTAL			WHITE			NONWHITE		
	NUMBER 1989	RATE* 1989	RATE* 85-89	NUMBER 1989	RATE* 1989	RATE* 85-89	NUMBER 1989	RATE* 1989	RATE* 85-89
POPULATION									
1. TOTAL	50749	0.8	0.8	33335	0.7	0.7	17414	1.1	1.1
MALES	24197	47.7	47.8	16034	48.1	48.1	8163	46.9	47.2
FEMALES	26552	52.3	52.2	17301	51.9	51.9	9251	53.1	52.8
2. NATURAL INCREASE	231	4.6	2.5	90	2.7	0.8	141	8.1	5.7
LIVE BIRTHS									
3. TOTAL	717	14.1	12.7	398	11.9	11.2	319	18.3	15.5
MALES	350	6.9	6.3	198	5.9	5.7	152	8.7	7.5
FEMALES	367	7.2	6.4	200	6.0	5.5	167	9.6	8.0
4. ATTENDANT									
PHYSICIAN IN HOSPITAL	708	98.7	99.4	396	99.5	99.7	312	97.8	98.9
PHYSICIAN NOT IN HOSPITAL	7	1.0	0.4	2	0.5	0.2	5	1.6	0.8
CERTIFIED NURSE MIDWIFE	1	0.1	0.1	0	0.0	0.1	1	0.3	0.1
OTHER ATTENDANT	1	0.1	0.1	0	0.0	0.0	1	0.3	0.2
5. PREMATURE BIRTHS	80	11.2	9.1	26	6.5	6.3	54	16.9	13.0
6. OUT OF WEDLOCK	258	36.0	30.1	52	13.1	10.3	206	64.6	56.6
7. OCCURRENCE									
TOTAL	590	0.6	0.6	311	0.5	0.4	279	0.8	0.8
TO RESIDENTS	532	90.2	89.4	282	90.7	88.5	250	89.6	90.5
FETAL & INFANT MORTALITY									
8. PERINATAL DEATHS	21	28.9	18.5	6	15.0	12.4	15	46.0	26.6
9. FETAL DEATHS	10	13.8	8.6	3	7.5	6.5	7	21.5	11.5
ATTENDANT									
PHYSICIAN IN HOSPITAL	9	90.0	92.9	3	100.0	100.0	6	85.7	87.5
PHYSICIAN NOT IN HOSPITAL	1	10.0	3.6	0	0.0	0.0	1	14.3	6.3
CERTIFIED NURSE MIDWIFE	0	0.0	0.0	0	0.0	0.0	0	0.0	0.0
OTHER ATTENDANT	0	0.0	3.6	0	0.0	0.0	0	0.0	6.3
OUT OF WEDLOCK	4	40.0	32.1	1	33.3	16.7	3	42.9	43.8
10. NEONATAL (UNDER 28 DAYS)	11	15.3	10.0	3	7.5	6.0	8	25.1	15.3
11. POSTNEONATAL (28 DAYS - 1 YEAR)	1	1.4	1.9	1	2.5	1.1	0	0.0	3.0
12. INFANT DEATHS (UNDER 1 YEAR)	12	16.7	11.8	4	10.1	7.1	8	25.1	18.2
DEATHS (EXCLUDING FETALS)									
13. TOTAL	486	9.6	10.2	308	9.2	10.4	178	10.2	9.8
MALES	242	10.0	11.6	146	9.1	11.7	96	11.8	11.3
FEMALES	244	9.2	8.9	162	9.4	9.2	82	8.9	8.4
14. AGE									
00-04 YEARS	15	4.4	2.9	6	2.9	1.7	9	6.7	4.5
05-14 YEARS	2	0.3	0.4	2	0.5	0.5	0	0.0	0.3
15-24 YEARS	8	1.1	1.2	7	1.6	1.3	1	0.4	1.0
25-34 YEARS	6	0.8	1.5	1	0.2	1.1	5	1.9	2.3
35-44 YEARS	14	1.9	2.6	8	1.6	1.8	6	2.6	4.3
45-54 YEARS	25	4.6	6.0	12	3.1	4.9	13	8.5	8.6
55-64 YEARS	69	14.0	15.2	39	11.5	13.1	30	19.5	19.6
65 AND OVER	347	48.7	51.7	233	46.6	52.4	114	53.7	50.2
15. PLACE OF DEATH									
HOSPITAL	288	59.3	58.9	180	58.4	59.1	108	60.7	58.4
OTHER INSTITUTION	110	22.6	18.4	76	24.7	19.1	34	19.1	17.2
HOME OR NON-INSTITUTION	88	18.1	22.7	52	16.9	21.9	36	20.2	24.4
16. OCCURRENCE									
TOTAL	337	0.6	0.7	215	0.5	0.6	122	0.9	0.9
TO RESIDENTS	294	87.2	88.2	191	88.8	88.4	103	84.4	88.0
OTHER EVENTS									
17. MARRIAGES	258	5.1	6.0						
18. DIVORCES AND ANNULMENTS	176	3.5	3.2						

* SEE DEFINITIONS AND FORMULAS (SECTION VII)

SELECTED VITAL STATISTICS FOR 1989 AND 1985-1989

SCOTLAND COUNTY

ITEM	TOTAL			WHITE			NONWHITE		
	NUMBER 1989	RATE* 1989	RATE* 85-89	NUMBER 1989	RATE* 1989	RATE* 85-89	NUMBER 1989	RATE* 1989	RATE* 85-89
POPULATION									
1. TOTAL	34385	0.5	0.5	19206	0.4	0.4	15179	1.0	1.0
MALES	16299	47.4	47.5	9369	48.8	48.7	6930	45.7	46.0
FEMALES	18086	52.6	52.5	9837	51.2	51.3	8249	54.3	54.0
2. NATURAL INCREASE	224	6.5	5.9	33	1.7	1.9	191	12.6	10.9
LIVE BIRTHS									
3. TOTAL	568	16.5	15.3	241	12.5	11.6	327	21.5	19.7
MALES	304	8.8	7.9	122	6.4	6.0	182	12.0	10.4
FEMALES	264	7.7	7.3	119	6.2	5.9	145	9.6	9.3
4. ATTENDANT									
PHYSICIAN IN HOSPITAL	566	99.6	99.8	241	100.0	99.8	325	99.4	99.8
PHYSICIAN NOT IN HOSPITAL	2	0.4	0.1	0	0.0	0.0	2	0.6	0.2
CERTIFIED NURSE MIDWIFE	0	0.0	0.0	0	0.0	0.1	0	0.0	0.0
OTHER ATTENDANT	0	0.0	0.0	0	0.0	0.1	0	0.0	0.0
5. PREMATURE BIRTHS	62	10.9	9.5	17	7.1	7.7	45	13.8	10.9
6. OUT OF WEDLOCK	255	44.9	42.7	56	23.2	19.8	199	60.9	60.2
7. OCCURRENCE									
TOTAL	941	0.9	0.9	286	0.4	0.5	655	1.9	1.9
TO RESIDENTS	481	51.1	51.6	189	66.1	62.5	292	44.6	46.1
FETAL & INFANT MORTALITY									
8. PERINATAL DEATHS	10	17.4	20.0	4	16.5	9.6	6	18.1	27.9
9. FETAL DEATHS	6	10.5	12.9	2	8.2	5.3	4	12.1	18.6
ATTENDANT									
PHYSICIAN IN HOSPITAL	5	83.3	97.1	2	100.0	100.0	3	75.0	96.4
PHYSICIAN NOT IN HOSPITAL	1	16.7	2.9	0	0.0	0.0	1	25.0	3.6
CERTIFIED NURSE MIDWIFE	0	0.0	0.0	0	0.0	0.0	0	0.0	0.0
OTHER ATTENDANT	0	0.0	0.0	0	0.0	0.0	0	0.0	0.0
OUT OF WEDLOCK	5	83.3	61.8	2	100.0	33.3	3	75.0	67.9
10. NEONATAL (UNDER 28 DAYS)	4	7.0	7.3	2	8.3	4.4	2	6.1	9.5
11. POSTNEONATAL (28 DAYS - 1 YEAR)	4	7.1	5.4	2	8.4	4.4	2	6.2	6.2
12. INFANT DEATHS (UNDER 1 YEAR)	8	14.1	12.6	4	16.6	8.8	4	12.2	15.6
DEATHS (EXCLUDING FETALS)									
13. TOTAL	344	10.0	9.4	208	10.8	9.9	136	9.0	8.7
MALES	183	11.2	10.5	109	11.6	10.9	74	10.7	10.0
FEMALES	161	8.9	8.4	99	10.1	9.0	62	7.5	7.7
14. AGE									
00-04 YEARS	10	4.0	3.3	4	3.3	1.8	6	4.6	4.7
05-14 YEARS	3	0.5	0.3	1	0.4	0.3	2	0.7	0.3
15-24 YEARS	6	1.0	1.2	2	0.6	1.2	4	1.4	1.2
25-34 YEARS	6	1.1	1.6	5	1.8	1.5	1	0.4	1.7
35-44 YEARS	20	3.9	3.6	7	2.4	2.5	13	6.0	5.2
45-54 YEARS	30	8.8	7.5	20	8.6	6.3	10	9.2	10.0
55-64 YEARS	55	19.8	19.0	31	16.8	16.5	24	25.9	23.6
65 AND OVER	214	57.2	55.7	138	57.9	55.9	76	55.8	55.3
15. PLACE OF DEATH									
HOSPITAL	207	60.2	63.2	129	62.0	62.3	78	57.4	64.6
OTHER INSTITUTION	55	16.0	15.4	31	14.9	16.2	24	17.6	14.2
HOME OR NON-INSTITUTION	82	23.8	21.4	48	23.1	21.5	34	25.0	21.2
16. OCCURRENCE									
TOTAL	332	0.6	0.6	195	0.4	0.4	137	1.0	1.0
TO RESIDENTS	260	78.3	77.7	163	83.6	83.4	97	70.8	70.6
OTHER EVENTS									
17. MARRIAGES	147	4.3	3.7						
18. DIVORCES AND ANNULMENTS	120	3.5	3.8						

* SEE DEFINITIONS AND FORMULAS (SECTION VII)

SELECTED VITAL STATISTICS FOR 1989 AND 1985-1989

STANLY COUNTY

	TOTAL			WHITE			NONWHITE		
	NUMBER	RATE*		NUMBER	RATE*		NUMBER	RATE*	
ITEM	1989	1989	85-89	1989	1989	85-89	1989	1989	85-89
POPULATION									
1. TOTAL	51833	0.8	0.8	45534	0.9	0.9	6299	0.4	0.4
MALES	24768	47.8	47.9	21867	48.0	48.1	2901	46.1	46.6
FEMALES	27065	52.2	52.1	23667	52.0	51.9	3398	53.9	53.4
2. NATURAL INCREASE	260	5.0	4.1	156	3.4	3.2	104	16.5	10.7
LIVE BIRTHS									
3. TOTAL	718	13.9	13.5	573	12.6	12.7	145	23.0	19.4
MALES	357	6.9	6.9	281	6.2	6.5	76	12.1	9.7
FEMALES	361	7.0	6.7	292	6.4	6.2	69	11.0	9.8
4. ATTENDANT									
PHYSICIAN IN HOSPITAL	715	99.6	99.5	570	99.5	99.4	145	100.0	100.0
PHYSICIAN NOT IN HOSPITAL	0	0.0	0.0	0	0.0	0.0	0	0.0	0.0
CERTIFIED NURSE MIDWIFE	2	0.3	0.4	2	0.3	0.5	0	0.0	0.0
OTHER ATTENDANT	1	0.1	0.1	1	0.2	0.2	0	0.0	0.0
5. PREMATURE BIRTHS	58	8.1	7.6	47	8.2	6.6	11	7.6	11.9
6. OUT OF WEDLOCK	167	23.3	17.7	75	13.1	8.8	92	63.4	59.3
7. OCCURRENCE									
TOTAL	488	0.5	0.5	353	0.5	0.5	135	0.4	0.4
TO RESIDENTS	440	90.2	90.0	312	88.4	89.6	128	94.8	91.2
FETAL & INFANT MORTALITY									
8. PERINATAL DEATHS	6	11.1	16.1	4	7.0	11.9	4	27.0	35.6
9. FETAL DEATHS	5	6.9	9.8	2	3.5	7.0	3	20.3	22.7
ATTENDANT									
PHYSICIAN IN HOSPITAL	5	100.0	100.0	2	100.0	100.0	3	100.0	100.0
PHYSICIAN NOT IN HOSPITAL	0	0.0	0.0	0	0.0	0.0	0	0.0	0.0
CERTIFIED NURSE MIDWIFE	0	0.0	0.0	0	0.0	0.0	0	0.0	0.0
OTHER ATTENDANT	0	0.0	0.0	0	0.0	0.0	0	0.0	0.0
OUT OF WEDLOCK	3	60.0	26.5	1	50.0	25.0	2	66.7	28.6
10. NEONATAL (UNDER 28 DAYS)	3	4.2	6.4	2	3.5	4.9	1	6.9	13.2
11. POSTNEONATAL (28 DAYS - 1 YEAR)	3	4.2	2.6	3	5.3	2.5	0	0.0	3.4
12. INFANT DEATHS (UNDER 1 YEAR)	6	8.4	9.0	5	8.7	7.4	1	6.9	16.6
DEATHS (EXCLUDING FETALS)									
13. TOTAL	458	8.8	9.5	417	9.2	9.6	41	6.5	8.7
MALES	239	9.6	10.5	216	9.9	10.6	23	7.9	10.3
FEMALES	219	8.1	8.5	201	8.5	8.6	18	5.3	7.4
14. AGE									
00-04 YEARS	6	1.8	2.2	5	1.8	1.8	1	2.0	4.0
05-14 YEARS	1	0.1	0.3	0	0.0	0.3	1	0.9	0.4
15-24 YEARS	9	1.2	0.9	7	1.1	1.0	2	1.6	0.5
25-34 YEARS	8	1.0	1.3	6	0.9	1.1	2	1.9	2.3
35-44 YEARS	14	1.9	2.0	12	1.8	1.8	2	2.5	3.8
45-54 YEARS	18	3.1	4.8	17	3.2	4.4	1	2.1	6.9
55-64 YEARS	68	12.9	12.3	63	13.0	11.8	5	11.8	17.5
65 AND OVER	334	42.4	47.0	307	42.5	46.4	27	41.2	53.8
15. PLACE OF DEATH									
HOSPITAL	312	68.1	67.8	282	67.6	67.1	30	73.2	73.4
OTHER INSTITUTION	79	17.2	17.3	73	17.5	18.0	6	14.6	11.8
HOME OR NON-INSTITUTION	67	14.6	14.9	62	14.9	15.0	5	12.2	14.8
16. OCCURRENCE									
TOTAL	364	0.6	0.6	328	0.8	0.8	36	0.3	0.3
TO RESIDENTS	331	90.9	93.5	303	92.4	94.0	28	77.8	90.0
OTHER EVENTS									
17. MARRIAGES	317	6.1	6.6						
18. DIVORCES AND ANNULMENTS	169	3.3	3.3						

* SEE DEFINITIONS AND FORMULAS (SECTION VII)

SELECTED VITAL STATISTICS FOR 1989 AND 1985-1989

STOKES COUNTY

ITEM	TOTAL			WHITE			NONWHITE		
	NUMBER	RATE*		NUMBER	RATE*		NUMBER	RATE*	
	1989	1989	85-89	1989	1989	85-89	1989	1989	85-89
POPULATION									
1. TOTAL	37116	0.6	0.6	34800	0.7	0.7	2316	0.1	0.2
MALES	18067	48.7	48.7	16905	48.6	48.6	1162	50.2	50.4
FEMALES	19049	51.3	51.3	17895	51.4	51.4	1154	49.8	49.6
2. NATURAL INCREASE	191	5.1	4.3	184	5.3	4.3	7	3.0	4.5
LIVE BIRTHS									
3. TOTAL	481	13.0	12.2	450	12.9	12.1	31	13.4	13.2
MALES	237	6.4	6.3	225	6.5	6.3	12	5.2	6.1
FEMALES	244	6.6	5.9	225	6.5	5.8	19	8.2	7.1
4. ATTENDANT									
PHYSICIAN IN HOSPITAL	477	99.2	99.1	446	99.1	99.1	31	100.0	99.4
PHYSICIAN NOT IN HOSPITAL	0	0.0	0.0	0	0.0	0.0	0	0.0	0.0
CERTIFIED NURSE MIDWIFE	4	0.8	0.8	4	0.9	0.8	0	0.0	0.6
OTHER ATTENDANT	0	0.0	0.0	0	0.0	0.0	0	0.0	0.0
5. PREMATURE BIRTHS	26	5.4	6.9	24	5.3	6.9	2	6.5	7.6
6. OUT OF WEDLOCK	67	13.9	12.1	46	10.2	8.9	21	67.7	53.2
7. OCCURRENCE									
TOTAL	13	0.0	0.1	10	0.0	0.1	3	0.0	0.0
TO RESIDENTS	11	84.6	88.9	8	80.0	87.2	3	100.0	100.0
FETAL & INFANT MORTALITY									
8. PERINATAL DEATHS	3	6.2	10.8	3	6.7	11.6	0	0.0	0.0
9. FETAL DEATHS	1	2.1	5.9	1	2.2	6.3	0	0.0	0.0
ATTENDANT									
PHYSICIAN IN HOSPITAL	1	100.0	100.0	1	100.0	100.0	0		
PHYSICIAN NOT IN HOSPITAL	0	0.0	0.0	0	0.0	0.0	0		
CERTIFIED NURSE MIDWIFE	0	0.0	0.0	0	0.0	0.0	0		
OTHER ATTENDANT	0	0.0	0.0	0	0.0	0.0	0		
OUT OF WEDLOCK	0	0.0	0.0	0	0.0	0.0	0		
10. NEONATAL (UNDER 28 DAYS)	2	4.2	5.0	2	4.4	5.4	0	0.0	0.0
11. POSTNEONATAL (28 DAYS - 1 YEAR)	3	6.3	2.7	3	6.7	2.5	0	0.0	0.3
12. INFANT DEATHS (UNDER 1 YEAR)	5	10.4	7.7	5	11.1	7.8	0	0.0	6.3
DEATHS (EXCLUDING FETALS)									
13. TOTAL	290	7.8	7.9	266	7.6	7.8	24	10.4	8.7
MALES	166	9.2	9.2	148	8.8	9.1	18	15.5	9.6
FEMALES	124	6.5	6.7	118	6.6	6.6	6	5.2	7.8
14. AGE									
00-04 YEARS	6	2.6	1.8	6	2.7	1.8	0	0.0	1.3
05-14 YEARS	4	0.7	0.3	2	0.4	0.2	2	5.0	0.9
15-24 YEARS	6	1.0	1.3	6	1.1	1.3	0	0.0	1.3
25-34 YEARS	5	0.8	1.0	5	0.9	0.9	0	0.0	2.0
35-44 YEARS	11	1.9	1.8	9	1.6	1.7	2	5.9	3.0
45-54 YEARS	32	7.5	6.0	29	7.2	5.7	3	13.5	10.6
55-64 YEARS	38	12.4	12.7	37	12.8	12.6	1	5.8	14.2
65 AND OVER	188	48.2	51.4	172	46.5	50.7	16	78.4	63.3
15. PLACE OF DEATH									
HOSPITAL	190	65.5	70.2	177	66.5	70.5	13	54.2	67.[illegible]
OTHER INSTITUTION	28	9.7	10.7	23	8.6	10.6	5	20.8	12.[illegible]
HOME OR NON-INSTITUTION	72	24.8	19.0	66	24.8	18.9	6	25.0	20.2
16. OCCURRENCE									
TOTAL	175	0.3	0.3	160	0.4	0.4	15	0.1	0.1
TO RESIDENTS	151	86.3	85.7	137	85.6	85.4	14	93.3	89.3
OTHER EVENTS									
17. MARRIAGES	278	7.5	7.6						
18. DIVORCES AND ANNULMENTS	102	2.7	2.1						

* SEE DEFINITIONS AND FORMULAS (SECTION VII)

SELECTED VITAL STATISTICS FOR 1989 AND 1985-1989

SURRY COUNTY

ITEM	TOTAL NUMBER 1989	TOTAL RATE* 1989	TOTAL RATE* 85-89	WHITE NUMBER 1989	WHITE RATE* 1989	WHITE RATE* 85-89	NONWHITE NUMBER 1989	NONWHITE RATE* 1989	NONWHITE RATE* 85-89
POPULATION									
1. TOTAL	62481	1.0	1.0	59264	1.2	1.2	3217	0.2	0.2
MALES	29970	48.0	48.0	28388	47.9	47.9	1582	49.2	49.3
FEMALES	32511	52.0	52.0	30876	52.1	52.1	1635	50.8	50.7
2. NATURAL INCREASE	237	3.8	2.4	228	3.8	2.3	9	2.8	4.4
LIVE BIRTHS									
3. TOTAL	833	13.3	12.1	785	13.2	12.0	48	14.9	14.8
MALES	433	6.9	6.2	407	6.9	6.2	26	8.1	7.1
FEMALES	400	6.4	5.9	378	6.4	5.8	22	6.8	7.8
4. ATTENDANT									
PHYSICIAN IN HOSPITAL	829	99.5	99.6	782	99.6	99.6	47	97.9	99.2
PHYSICIAN NOT IN HOSPITAL	0	0.0	0.1	0	0.0	0.1	0	0.0	0.0
CERTIFIED NURSE MIDWIFE	3	0.4	0.2	2	0.3	0.2	1	2.1	0.4
OTHER ATTENDANT	1	0.1	0.1	1	0.1	0.1	0	0.0	0.4
5. PREMATURE BIRTHS	57	6.8	7.0	54	6.9	6.7	3	6.3	11.6
6. OUT OF WEDLOCK	142	17.0	13.9	119	15.2	11.7	23	47.9	45.2
7. OCCURRENCE									
TOTAL	752	0.7	0.7	715	1.0	1.0	37	0.1	0.1
TO RESIDENTS	539	71.7	68.9	506	70.8	68.2	33	89.2	83.1
FETAL & INFANT MORTALITY									
8. PERINATAL DEATHS	6	7.2	14.0	4	5.1	12.7	2	40.8	32.8
9. FETAL DEATHS	3	3.6	6.6	2	2.5	6.2	1	20.4	12.3
ATTENDANT									
PHYSICIAN IN HOSPITAL	3	100.0	100.0	2	100.0	100.0	1	100.0	100.0
PHYSICIAN NOT IN HOSPITAL	0	0.0	0.0	0	0.0	0.0	0	0.0	0.0
CERTIFIED NURSE MIDWIFE	0	0.0	0.0	0	0.0	0.0	0	0.0	0.0
OTHER ATTENDANT	0	0.0	0.0	0	0.0	0.0	0	0.0	0.0
OUT OF WEDLOCK	1	33.3	28.0	1	50.0	22.7	0	0.0	66.7
10. NEONATAL (UNDER 28 DAYS)	3	3.6	7.5	2	2.5	6.6	1	20.8	20.7
11. POSTNEONATAL (28 DAYS - 1 YEAR)	3	3.6	5.1	3	3.8	4.9	0	0.0	8.5
12. INFANT DEATHS (UNDER 1 YEAR)	6	7.2	12.5	5	6.4	11.4	1	20.8	29.0
DEATHS (EXCLUDING FETALS)									
13. TOTAL	596	9.5	9.7	557	9.4	9.6	39	12.1	10.5
MALES	332	11.1	11.1	310	10.9	11.1	22	13.9	11.4
FEMALES	264	8.1	8.4	247	8.0	8.3	17	10.4	9.6
14. AGE									
00-04 YEARS	7	1.8	2.6	6	1.6	2.4	1	4.4	5.9
05-14 YEARS	3	0.4	0.3	3	0.4	0.3	0	0.0	0.0
15-24 YEARS	11	1.2	0.8	10	1.2	0.9	1	1.9	0.4
25-34 YEARS	14	1.4	1.4	13	1.4	1.3	1	1.8	2.9
35-44 YEARS	18	2.0	2.4	14	1.7	2.3	4	9.6	6.1
45-54 YEARS	41	5.8	5.1	38	5.6	4.9	3	10.1	9.5
55-64 YEARS	73	11.6	13.5	64	10.6	13.2	9	30.8	20.9
65 AND OVER	429	46.6	48.0	409	46.4	47.9	20	50.8	50.8
15. PLACE OF DEATH									
HOSPITAL	388	65.1	64.4	356	63.9	64.0	32	82.1	70.6
OTHER INSTITUTION	93	15.6	15.2	91	16.3	15.5	2	5.1	10.6
HOME OR NON-INSTITUTION	115	19.3	20.4	110	19.7	20.5	5	12.8	18.8
16. OCCURRENCE									
TOTAL	512	0.9	1.0	484	1.1	1.2	28	0.2	0.2
TO RESIDENTS	390	76.2	77.1	366	75.6	76.6	24	85.7	87.2
OTHER EVENTS									
17. MARRIAGES	554	8.9	9.6						
18. DIVORCES AND ANNULMENTS	272	4.4	4.2						

* SEE DEFINITIONS AND FORMULAS (SECTION VII)

SELECTED VITAL STATISTICS FOR 1989 AND 1985-1989

SWAIN COUNTY

ITEM	TOTAL			WHITE			NONWHITE		
	NUMBER 1989	RATE* 1989	RATE* 85-89	NUMBER 1989	RATE* 1989	RATE* 85-89	NUMBER 1989	RATE* 1989	RATE* 85-89
POPULATION									
1. TOTAL	11026	0.2	0.2	8198	0.2	0.2	2828	0.2	0.2
MALES	5195	47.1	47.4	3872	47.2	47.4	1323	46.8	47.6
FEMALES	5831	52.9	52.6	4326	52.8	52.6	1505	53.2	52.4
2. NATURAL INCREASE	59	5.4	3.9	-26	-3.2	-3.0	85	30.1	23.7
LIVE BIRTHS									
3. TOTAL	203	18.4	16.5	89	10.9	10.4	114	40.3	34.1
MALES	106	9.6	8.8	53	6.5	5.6	53	18.7	18.0
FEMALES	97	8.8	7.7	36	4.4	4.8	61	21.6	16.1
4. ATTENDANT									
PHYSICIAN IN HOSPITAL	203	100.0	98.4	89	100.0	98.6	114	100.0	98.3
PHYSICIAN NOT IN HOSPITAL	0	0.0	0.0	0	0.0	0.0	0	0.0	0.0
CERTIFIED NURSE MIDWIFE	0	0.0	0.1	0	0.0	0.2	0	0.0	0.0
OTHER ATTENDANT	0	0.0	1.5	0	0.0	1.2	0	0.0	1.7
5. PREMATURE BIRTHS	10	4.9	7.1	2	2.2	5.8	8	7.0	8.2
6. OUT OF WEDLOCK	73	36.0	30.7	13	14.6	18.0	60	52.6	41.9
7. OCCURRENCE									
TOTAL	4	0.0	0.1	0	0.0	0.0	4	0.0	0.1
TO RESIDENTS	4	100.0	58.8	0		58.3	4	100.0	59.2
FETAL & INFANT MORTALITY									
8. PERINATAL DEATHS	5	24.2	18.9	0	0.0	12.0	5	42.4	25.0
9. FETAL DEATHS	4	19.3	10.0	0	0.0	4.8	4	33.9	14.6
ATTENDANT									
PHYSICIAN IN HOSPITAL	4	100.0	100.0	0		100.0	4	100.0	100.0
PHYSICIAN NOT IN HOSPITAL	0	0.0	0.0	0		0.0	0	0.0	0.0
CERTIFIED NURSE MIDWIFE	0	0.0	0.0	0		0.0	0	0.0	0.0
OTHER ATTENDANT	0	0.0	0.0	0		0.0	0	0.0	0.0
OUT OF WEDLOCK	2	50.0	66.7	0		50.0	2	50.0	71.4
10. NEONATAL (UNDER 28 DAYS)	1	4.9	9.0	0	0.0	7.2	1	8.8	10.6
11. POSTNEONATAL (28 DAYS - 1 YEAR)	0	0.0	1.1	0	0.0	0.0	0	0.0	2.1
12. INFANT DEATHS (UNDER 1 YEAR)	1	4.9	10.1	0	0.0	7.2	1	8.8	12.7
DEATHS (EXCLUDING FETALS)									
13. TOTAL	144	13.1	12.6	115	14.0	13.4	29	10.3	10.4
MALES	78	15.0	14.1	65	16.8	14.6	13	9.8	12.9
FEMALES	66	11.3	11.2	50	11.6	12.3	16	10.6	8.1
14. AGE									
00-04 YEARS	2	2.7	3.3	1	2.1	1.7	1	3.8	6.2
05-14 YEARS	0	0.0	0.3	0	0.0	0.2	0	0.0	0.4
15-24 YEARS	4	2.5	1.5	2	1.8	1.1	2	3.7	2.3
25-34 YEARS	2	1.2	2.0	1	0.8	1.4	1	2.3	3.7
35-44 YEARS	5	3.3	3.2	3	2.7	2.4	2	5.4	5.8
45-54 YEARS	10	6.7	8.0	6	6.6	8.1	4	16.6	7.6
55-64 YEARS	15	14.6	19.1	12	14.0	16.9	3	17.5	30.1
65 AND OVER	106	58.2	55.1	90	57.5	53.6	16	62.5	64.3
15. PLACE OF DEATH									
HOSPITAL	80	55.6	61.6	63	54.8	60.0	17	58.6	67.4
OTHER INSTITUTION	28	19.4	20.9	26	22.6	22.4	2	6.9	15.3
HOME OR NON-INSTITUTION	36	25.0	17.5	26	22.6	17.6	10	34.5	17.4
16. OCCURRENCE									
TOTAL	172	0.3	0.3	137	0.3	0.3	35	0.2	0.3
TO RESIDENTS	111	64.5	62.2	87	63.5	61.5	24	68.6	64.6
OTHER EVENTS									
17. MARRIAGES	140	12.7	15.4						
18. DIVORCES AND ANNULMENTS	43	3.9	3.7						

* SEE DEFINITIONS AND FORMULAS (SECTION VII)

SELECTED VITAL STATISTICS FOR 1989 AND 1985-1989

TRANSYLVANIA COUNTY

	TOTAL			WHITE			NONWHITE		
	NUMBER	RATE*		NUMBER	RATE*		NUMBER	RATE*	
ITEM	1989	1989	85-89	1989	1989	85-89	1989	1989	85-89
POPULATION									
1. TOTAL	26336	0.4	0.4	24827	0.5	0.5	1509	0.1	0.1
MALES	12798	48.6	48.8	11975	48.2	48.4	823	54.5	54.9
FEMALES	13538	51.4	51.2	12852	51.8	51.6	686	45.5	45.1
2. NATURAL INCREASE	27	1.0	2.0	12	0.5	1.7	15	9.9	6.0
LIVE BIRTHS									
3. TOTAL	291	11.0	10.9	267	10.8	10.7	24	15.9	13.0
MALES	143	5.4	5.6	132	5.3	5.6	11	7.3	6.3
FEMALES	148	5.6	5.3	135	5.4	5.2	13	8.6	6.6
4. ATTENDANT									
PHYSICIAN IN HOSPITAL	290	99.7	98.3	266	99.6	98.3	24	100.0	99.0
PHYSICIAN NOT IN HOSPITAL	0	0.0	0.1	0	0.0	0.1	0	0.0	0.0
CERTIFIED NURSE MIDWIFE	1	0.3	0.7	1	0.4	0.8	0	0.0	0.0
OTHER ATTENDANT	0	0.0	0.9	0	0.0	0.9	0	0.0	1.0
5. PREMATURE BIRTHS	19	6.5	5.5	18	6.7	5.5	1	4.2	5.1
6. OUT OF WEDLOCK	65	22.3	16.4	48	18.0	13.4	17	70.8	57.1
7. OCCURRENCE									
TOTAL	264	0.3	0.3	242	0.4	0.4	22	0.1	0.1
TO RESIDENTS	233	88.3	88.0	213	88.0	87.4	20	90.9	97.5
FETAL & INFANT MORTALITY									
8. PERINATAL DEATHS	2	6.8	12.6	1	3.7	12.8	1	40.0	10.1
9. FETAL DEATHS	2	6.8	8.4	1	3.7	8.3	1	40.0	10.1
ATTENDANT									
PHYSICIAN IN HOSPITAL	1	50.0	91.7	1	100.0	100.0	0	0.0	0.0
PHYSICIAN NOT IN HOSPITAL	0	0.0	0.0	0	0.0	0.0	0	0.0	0.0
CERTIFIED NURSE MIDWIFE	0	0.0	0.0	0	0.0	0.0	0	0.0	0.0
OTHER ATTENDANT	1	50.0	8.3	0	0.0	0.0	1	100.0	100.0
OUT OF WEDLOCK	2	100.0	41.7	1	100.0	36.4	1	100.0	100.0
10. NEONATAL (UNDER 28 DAYS)	0	0.0	4.2	0	0.0	4.6	0	0.0	0.0
11. POSTNEONATAL (28 DAYS - 1 YEAR)	2	6.9	3.5	1	3.7	3.1	1	41.7	10.2
12. INFANT DEATHS (UNDER 1 YEAR)	2	6.9	7.8	1	3.7	7.6	1	41.7	10.2
DEATHS (EXCLUDING FETALS)									
13. TOTAL	264	10.0	8.9	255	10.3	9.0	9	6.0	7.0
MALES	133	10.4	9.6	130	10.9	9.9	3	3.6	5.8
FEMALES	131	9.7	8.2	125	9.7	8.1	6	8.7	8.5
14. AGE									
00-04 YEARS	2	1.2	1.7	1	0.6	1.7	1	8.9	1.7
05-14 YEARS	0	0.0	0.2	0	0.0	0.3	0	0.0	0.0
15-24 YEARS	0	0.0	0.8	0	0.0	0.8	0	0.0	0.5
25-34 YEARS	4	1.0	1.3	2	0.6	1.1	2	7.7	3.8
35-44 YEARS	8	2.3	2.3	7	2.1	2.2	1	5.5	3.5
45-54 YEARS	11	3.7	4.4	10	3.5	4.2	1	8.3	11.2
55-64 YEARS	25	9.1	9.1	25	9.4	8.9	0	0.0	17.3
65 AND OVER	214	48.7	42.8	210	49.0	42.4	4	36.4	55.8
15. PLACE OF DEATH									
HOSPITAL	143	54.2	55.4	138	54.1	55.6	5	55.6	52.8
OTHER INSTITUTION	74	28.0	25.4	71	27.6	25.3	3	33.3	28.3
HOME OR NON-INSTITUTION	47	17.8	19.1	46	18.0	19.1	1	11.1	18.9
16. OCCURRENCE									
TOTAL	237	0.4	0.3	226	0.5	0.4	11	0.1	0.1
TO RESIDENTS	204	86.1	88.4	195	86.3	88.3	9	81.8	91.7
OTHER EVENTS									
17. MARRIAGES	192	7.3	7.0						
18. DIVORCES AND ANNULMENTS	122	4.6	4.4						

* SEE DEFINITIONS AND FORMULAS (SECTION VII)

SELECTED VITAL STATISTICS FOR 1989 AND 1985-1989

TY~~RRELL~~ COUNTY

	TOTAL			WHITE			NONWHITE		
ITEM	NUMBER 1989	RATE* 1989	RATE* 85-89	NUMBER 1989	RATE* 1989	RATE* 85-89	NUMBER 1989	RATE* 1989	RATE* 85-89
POPULATION									
1. TOTAL	4196	0.1	0.1	2744	0.1	0.1	1452	0.1	0.1
MALES	1957	46.6	46.8	1329	48.4	48.4	628	43.3	44.0
FEMALES	2239	53.4	53.2	1415	51.6	51.6	824	56.7	56.0
2. NATURAL INCREASE	0	0.0	3.1	-2	-0.7	0.1	2	1.4	8.5
LIVE BIRTHS									
3. TOTAL	47	11.2	14.3	22	8.0	11.0	25	17.2	20.2
MALES	24	5.7	7.5	13	4.7	5.7	11	7.6	10.6
FEMALES	23	5.5	6.8	9	3.3	5.3	14	9.6	9.6
4. ATTENDANT									
PHYSICIAN IN HOSPITAL	47	100.0	97.6	22	100.0	95.9	25	100.0	99.3
PHYSICIAN NOT IN HOSPITAL	0	0.0	1.0	0	0.0	2.1	0	0.0	0.0
CERTIFIED NURSE MIDWIFE	0	0.0	0.0	0	0.0	0.0	0	0.0	0.0
OTHER ATTENDANT	0	0.0	1.4	0	0.0	2.1	0	0.0	0.7
5. PREMATURE BIRTHS	3	6.4	6.8	1	4.5	4.8	2	8.0	8.7
6. OUT OF WEDLOCK	19	40.4	37.3	1	4.5	9.0	18	72.0	64.7
7. OCCURRENCE									
TOTAL	0	0.0	0.0	0	0.0	0.0	0	0.0	0.0
TO RESIDENTS	0		100.0	0		100.0	0		100.0
FETAL & INFANT MORTALITY									
8. PERINATAL DEATHS	1	20.8	26.7	1	43.5	27.2	0	0.0	26.1
9. FETAL DEATHS	1	20.8	16.7	1	43.5	13.6	0	0.0	19.6
ATTENDANT									
PHYSICIAN IN HOSPITAL	1	100.0	100.0	1	100.0	100.0	0		100.0
PHYSICIAN NOT IN HOSPITAL	0	0.0	0.0	0	0.0	0.0	0		0.0
CERTIFIED NURSE MIDWIFE	0	0.0	0.0	0	0.0	0.0	0		0.0
OTHER ATTENDANT	0	0.0	0.0	0	0.0	0.0	0		0.0
OUT OF WEDLOCK	1	100.0	60.0	1	100.0	50.0	0		66.7
10. NEONATAL (UNDER 28 DAYS)	0	0.0	10.2	0	0.0	13.8	0	0.0	6.7
11. POSTNEONATAL (28 DAYS - 1 YEAR)	0	0.0	3.4	0	0.0	0.0	0	0.0	6.7
12. INFANT DEATHS (UNDER 1 YEAR)	0	0.0	13.6	0	0.0	13.8	0	0.0	13.3
DEATHS (EXCLUDING FETALS)									
13. TOTAL	47	11.2	11.2	24	8.7	10.9	23	15.8	11.7
MALES	30	15.3	12.2	13	9.8	10.9	17	27.1	14.7
FEMALES	17	7.6	10.3	11	7.8	10.8	6	7.3	9.4
14. AGE									
00-04 YEARS	0	0.0	2.5	0	0.0	2.1	0	0.0	3.0
05-14 YEARS	0	0.0	0.6	0	0.0	0.0	0	0.0	1.5
15-24 YEARS	1	1.8	1.8	1	2.8	2.4	0	0.0	0.9
25-34 YEARS	1	1.6	1.3	0	0.0	0.0	1	4.3	3.3
35-44 YEARS	1	1.8	3.3	0	0.0	1.8	1	5.9	6.5
45-54 YEARS	2	5.0	5.6	1	3.7	4.6	1	7.5	7.6
55-64 YEARS	3	7.1	15.0	1	3.5	14.5	2	14.9	16.0
65 AND OVER	39	57.6	49.7	21	44.2	47.2	18	89.1	55.4
15. PLACE OF DEATH									
HOSPITAL	31	66.0	61.9	19	79.2	64.6	12	52.2	57.5
OTHER INSTITUTION	6	12.8	17.3	1	4.2	14.6	5	21.7	21.8
HOME OR NON-INSTITUTION	10	21.3	20.8	4	16.7	20.8	6	26.1	20.7
16. OCCURRENCE									
TOTAL	9	0.0	0.0	3	0.0	0.0	6	0.0	0.0
TO RESIDENTS	9	100.0	84.5	3	100.0	83.3	6	100.0	86.2
OTHER EVENTS									
17. MARRIAGES	27	6.4	5.1						
18. DIVORCES AND ANNULMENTS	11	2.6	2.1						

* SEE DEFINITIONS AND FORMULAS (SECTION VII)

SELECTED VITAL STATISTICS FOR 1989 AND 1985-1989

UNION COUNTY

ITEM	TOTAL			WHITE			NONWHITE		
	NUMBER 1989	RATE* 1989	RATE* 85-89	NUMBER 1989	RATE* 1989	RATE* 85-89	NUMBER 1989	RATE* 1989	RATE* 85-89
POPULATION									
1. TOTAL	86396	1.3	1.3	72889	1.5	1.4	13507	0.8	0.8
MALES	41933	48.5	48.6	35637	48.9	48.9	6296	46.6	47.1
FEMALES	44463	51.5	51.4	37252	51.1	51.1	7211	53.4	52.9
2. NATURAL INCREASE	850	9.8	8.0	584	8.0	6.4	266	19.7	15.9
LIVE BIRTHS									
3. TOTAL	1481	17.1	15.2	1099	15.1	13.5	382	28.3	24.2
MALES	727	8.4	7.7	545	7.5	6.9	182	13.5	11.7
FEMALES	754	8.7	7.5	554	7.6	6.5	200	14.8	12.4
4. ATTENDANT									
PHYSICIAN IN HOSPITAL	1459	98.5	99.0	1078	98.1	98.7	381	99.7	99.7
PHYSICIAN NOT IN HOSPITAL	3	0.2	0.2	3	0.3	0.2	0	0.0	0.1
CERTIFIED NURSE MIDWIFE	13	0.9	0.5	12	1.1	0.6	1	0.3	0.1
OTHER ATTENDANT	6	0.4	0.4	6	0.5	0.5	0	0.0	0.1
5. PREMATURE BIRTHS	112	7.6	7.4	65	5.9	5.9	47	12.3	11.9
6. OUT OF WEDLOCK	331	22.3	21.8	84	7.6	7.6	247	64.7	63.1
7. OCCURRENCE									
TOTAL	757	0.7	0.8	389	0.6	0.7	368	1.1	1.0
TO RESIDENTS	643	84.9	83.9	330	84.8	82.2	313	85.1	86.1
FETAL & INFANT MORTALITY									
8. PERINATAL DEATHS	17	11.4	15.3	10	9.0	11.2	7	18.2	27.2
9. FETAL DEATHS	9	6.0	7.2	7	6.3	5.6	2	5.2	11.8
ATTENDANT									
PHYSICIAN IN HOSPITAL	8	88.9	93.3	6	85.7	88.5	2	100.0	100.0
PHYSICIAN NOT IN HOSPITAL	1	11.1	2.2	1	14.3	3.8	0	0.0	0.0
CERTIFIED NURSE MIDWIFE	0	0.0	0.0	0	0.0	0.0	0	0.0	0.0
OTHER ATTENDANT	0	0.0	4.4	0	0.0	7.7	0	0.0	0.0
OUT OF WEDLOCK	3	33.3	35.6	1	14.3	11.5	2	100.0	68.4
10. NEONATAL (UNDER 28 DAYS)	8	5.4	8.2	3	2.7	5.6	5	13.1	15.6
11. POSTNEONATAL (28 DAYS - 1 YEAR)	3	2.0	3.6	2	1.8	2.2	1	2.7	7.6
12. INFANT DEATHS (UNDER 1 YEAR)	11	7.4	11.7	5	4.5	7.8	6	15.7	23.2
DEATHS (EXCLUDING FETALS)									
13. TOTAL	631	7.3	7.2	515	7.1	7.0	115	8.6	8.2
MALES	359	8.6	8.2	281	7.9	7.7	78	12.4	10.4
FEMALES	272	6.1	6.3	234	6.3	6.3	38	5.3	6.4
14. AGE									
00-04 YEARS	15	2.3	2.9	9	1.7	1.9	6	4.9	6.9
05-14 YEARS	8	0.6	0.2	6	0.6	0.2	2	0.7	0.3
15-24 YEARS	10	0.7	0.8	8	0.7	0.9	2	0.8	0.6
25-34 YEARS	25	1.8	1.2	16	1.3	0.9	9	4.0	2.6
35-44 YEARS	20	1.5	1.6	15	1.3	1.3	5	2.9	3.6
45-54 YEARS	49	5.2	5.6	35	4.1	4.7	14	13.2	13.2
55-64 YEARS	96	14.1	14.4	77	12.7	13.1	19	26.0	24.3
65 AND OVER	408	47.7	47.8	349	47.1	47.6	59	51.5	49.6
15. PLACE OF DEATH									
HOSPITAL	381	60.4	64.1	308	59.8	63.3	73	62.9	68.1
OTHER INSTITUTION	85	13.5	12.3	70	13.6	12.8	15	12.9	10.1
HOME OR NON-INSTITUTION	165	26.1	23.5	137	26.6	23.9	28	24.1	21.8
16. OCCURRENCE									
TOTAL	489	0.8	0.8	400	0.9	0.8	89	0.6	0.6
TO RESIDENTS	435	89.0	87.7	355	88.7	87.8	80	89.9	87.5
OTHER EVENTS									
17. MARRIAGES	461	5.3	5.3						
18. DIVORCES AND ANNULMENTS	251	2.9	3.2						

* SEE DEFINITIONS AND FORMULAS (SECTION VII)

SELECTED VITAL STATISTICS FOR 1989 AND 1985-1989

VANCE COUNTY

ITEM	TOTAL NUMBER 1989	TOTAL RATE* 1989	TOTAL RATE* 85-89	WHITE NUMBER 1989	WHITE RATE* 1989	WHITE RATE* 85-89	NONWHITE NUMBER 1989	NONWHITE RATE* 1989	NONWHITE RATE* 85-89
POPULATION									
1. TOTAL	39217	0.6	0.6	22171	0.4	0.5	17046	1.1	1.1
MALES	18545	47.3	47.4	10571	47.7	47.7	7974	46.8	47.1
FEMALES	20672	52.7	52.6	11600	52.3	52.3	9072	53.2	52.9
2. NATURAL INCREASE	231	5.9	4.7	28	1.3	0.2	203	11.9	10.5
LIVE BIRTHS									
3. TOTAL	711	18.1	15.8	303	13.7	11.8	408	23.9	20.8
MALES	377	9.6	8.4	154	6.9	6.3	223	13.1	11.1
FEMALES	334	8.5	7.4	149	6.7	5.6	185	10.9	9.8
4. ATTENDANT									
PHYSICIAN IN HOSPITAL	707	99.4	99.5	300	99.0	99.5	407	99.8	99.5
PHYSICIAN NOT IN HOSPITAL	1	0.1	0.2	0	0.0	0.1	1	0.2	0.3
CERTIFIED NURSE MIDWIFE	3	0.4	0.2	3	1.0	0.4	0	0.0	0.1
OTHER ATTENDANT	0	0.0	0.1	0	0.0	0.0	0	0.0	0.1
5. PREMATURE BIRTHS	74	10.4	10.3	21	6.9	7.3	53	13.0	12.5
6. OUT OF WEDLOCK	306	43.0	39.8	31	10.2	9.0	275	67.4	62.3
7. OCCURRENCE									
TOTAL	675	0.7	0.6	275	0.4	0.4	400	1.2	1.1
TO RESIDENTS	478	70.8	65.3	197	71.6	63.0	281	70.2	67.1
FETAL & INFANT MORTALITY									
8. PERINATAL DEATHS	21	29.0	22.2	11	35.4	22.1	10	24.2	22.2
9. FETAL DEATHS	13	18.0	12.9	8	25.7	13.7	5	12.1	12.2
ATTENDANT									
PHYSICIAN IN HOSPITAL	13	100.0	97.5	8	100.0	100.0	5	100.0	95.5
PHYSICIAN NOT IN HOSPITAL	0	0.0	2.5	0	0.0	0.0	0	0.0	4.5
CERTIFIED NURSE MIDWIFE	0	0.0	0.0	0	0.0	0.0	0	0.0	0.0
OTHER ATTENDANT	0	0.0	0.0	0	0.0	0.0	0	0.0	0.0
OUT OF WEDLOCK	6	46.2	35.0	3	37.5	22.2	3	60.0	45.5
10. NEONATAL (UNDER 28 DAYS)	8	11.3	9.4	3	9.9	8.5	5	12.3	10.1
11. POSTNEONATAL (28 DAYS - 1 YEAR)	7	10.0	5.6	1	3.3	1.6	6	14.9	8.5
12. INFANT DEATHS (UNDER 1 YEAR)	15	21.1	15.0	4	13.2	10.1	11	27.0	18.6
DEATHS (EXCLUDING FETALS)									
13. TOTAL	480	12.2	11.1	275	12.4	11.6	205	12.0	10.4
MALES	270	14.6	12.6	133	12.6	12.2	137	17.2	13.1
FEMALES	210	10.2	9.7	142	12.2	11.1	68	7.5	7.9
14. AGE									
00-04 YEARS	15	5.7	4.0	4	3.0	2.0	11	8.3	5.9
05-14 YEARS	1	0.2	0.5	0	0.0	0.3	1	0.3	0.8
15-24 YEARS	11	1.9	1.6	4	1.4	1.3	7	2.3	1.9
25-34 YEARS	18	2.9	2.0	7	2.0	1.7	11	4.0	2.5
35-44 YEARS	20	3.5	3.5	6	1.8	2.6	14	6.1	4.7
45-54 YEARS	36	9.4	7.3	14	5.7	5.2	22	16.3	11.2
55-64 YEARS	67	18.0	17.0	40	16.8	14.0	27	20.2	22.5
65 AND OVER	312	56.6	54.2	200	55.5	55.0	112	58.6	52.7
15. PLACE OF DEATH									
HOSPITAL	291	60.6	57.4	147	53.5	51.9	144	70.2	65.3
OTHER INSTITUTION	79	16.5	18.7	62	22.5	25.3	17	8.3	9.2
HOME OR NON-INSTITUTION	110	22.9	24.0	66	24.0	22.8	44	21.5	25.6
16. OCCURRENCE									
TOTAL	437	0.8	0.7	234	0.5	0.5	203	1.4	1.3
TO RESIDENTS	355	81.2	76.9	204	87.2	81.2	151	74.4	71.6
OTHER EVENTS									
17. MARRIAGES	356	9.1	9.4						
18. DIVORCES AND ANNULMENTS	157	4.0	4.2						

* SEE DEFINITIONS AND FORMULAS (SECTION VII)

SELECTED VITAL STATISTICS FOR 1989 AND 1985-1989

WAKE COUNTY

	TOTAL			WHITE			NONWHITE		
ITEM	NUMBER 1989	RATE* 1989	RATE* 85-89	NUMBER 1989	RATE* 1989	RATE* 85-89	NUMBER 1989	RATE* 1989	RATE* 85-89
POPULATION									
1. TOTAL	400193	6.1	5.9	310290	6.2	6.0	89903	5.7	5.5
MALES	195266	48.8	48.9	152699	49.2	49.2	42567	47.3	47.7
FEMALES	204927	51.2	51.1	157591	50.8	50.8	47336	52.7	52.3
2. NATURAL INCREASE	4423	11.1	9.4	3021	9.7	8.4	1402	15.6	13.0
LIVE BIRTHS									
3. TOTAL	6780	16.9	15.5	4681	15.1	14.0	2099	23.3	20.4
MALES	3466	8.7	7.8	2416	7.8	7.1	1050	11.7	10.1
FEMALES	3314	8.3	7.7	2265	7.3	6.9	1049	11.7	10.3
4. ATTENDANT									
PHYSICIAN IN HOSPITAL	6529	96.3	96.6	4444	94.9	95.4	2085	99.3	99.2
PHYSICIAN NOT IN HOSPITAL	4	0.1	0.1	3	0.1	0.1	1	0.0	0.1
CERTIFIED NURSE MIDWIFE	242	3.6	3.2	231	4.9	4.3	11	0.5	0.6
OTHER ATTENDANT	5	0.1	0.1	3	0.1	0.1	2	0.1	0.1
5. PREMATURE BIRTHS	505	7.4	7.0	249	5.3	5.1	256	12.2	11.5
6. OUT OF WEDLOCK	1460	21.5	19.2	358	7.6	6.5	1102	52.5	48.8
7. OCCURRENCE									
TOTAL	7731	7.5	7.0	5417	7.8	7.3	2314	6.9	6.3
TO RESIDENTS	6506	84.2	83.9	4452	82.2	82.0	2054	88.8	88.6
FETAL & INFANT MORTALITY									
8. PERINATAL DEATHS	120	17.6	18.0	56	11.9	13.2	64	30.1	29.1
9. FETAL DEATHS	57	8.3	8.4	30	6.4	6.1	27	12.7	13.6
ATTENDANT									
PHYSICIAN IN HOSPITAL	56	98.2	97.6	30	100.0	98.4	26	96.3	96.7
PHYSICIAN NOT IN HOSPITAL	0	0.0	0.8	0	0.0	0.8	0	0.0	0.8
CERTIFIED NURSE MIDWIFE	0	0.0	0.4	0	0.0	0.8	0	0.0	0.0
OTHER ATTENDANT	1	1.8	1.2	0	0.0	0.0	1	3.7	2.5
OUT OF WEDLOCK	21	36.8	35.2	4	13.3	13.5	17	63.0	57.9
10. NEONATAL (UNDER 28 DAYS)	63	9.3	9.7	26	5.6	7.1	37	17.6	15.6
11. POSTNEONATAL (28 DAYS - 1 YEAR)	18	2.7	3.3	8	1.7	2.3	10	4.8	5.5
12. INFANT DEATHS (UNDER 1 YEAR)	81	11.9	12.9	34	7.3	9.4	47	22.4	21.0
DEATHS (EXCLUDING FETALS)									
13. TOTAL	2357	5.9	6.1	1660	5.3	5.7	697	7.8	7.4
MALES	1244	6.4	6.5	858	5.6	5.8	386	9.1	8.7
FEMALES	1113	5.4	5.7	802	5.1	5.5	311	6.6	6.2
14. AGE									
00-04 YEARS	89	3.5	3.5	39	2.1	2.5	50	7.2	6.1
05-14 YEARS	17	0.3	0.3	12	0.3	0.2	5	0.4	0.3
15-24 YEARS	48	0.6	0.7	36	0.6	0.6	12	0.6	0.8
25-34 YEARS	82	1.0	1.0	47	0.8	0.7	35	1.9	1.7
35-44 YEARS	128	2.1	2.0	78	1.6	1.5	50	4.1	4.1
45-54 YEARS	161	3.7	4.3	99	2.8	3.5	62	8.6	8.3
55-64 YEARS	290	9.4	10.9	200	7.9	9.4	90	16.7	17.8
65 AND OVER	1542	45.1	47.2	1149	42.3	45.5	393	56.2	53.5
15. PLACE OF DEATH									
HOSPITAL	1521	64.5	64.3	1011	60.9	62.1	510	73.2	69.8
OTHER INSTITUTION	373	15.8	17.0	301	18.1	19.1	72	10.3	11.4
HOME OR NON-INSTITUTION	463	19.6	18.8	348	21.0	18.8	115	16.5	18.9
16. OCCURRENCE									
TOTAL	2729	4.7	4.7	1972	4.5	4.5	757	5.3	5.0
TO RESIDENTS	2119	77.6	78.6	1494	75.8	77.1	625	82.6	83.0
OTHER EVENTS									
17. MARRIAGES	3152	7.9	7.9						
18. DIVORCES AND ANNULMENTS	2164	5.4	5.4						

* SEE DEFINITIONS AND FORMULAS (SECTION VII)

SELECTED VITAL STATISTICS FOR 1989 AND 1985-1989

WARREN COUNTY

ITEM	TOTAL			WHITE			NONWHITE		
	NUMBER 1989	RATE* 1989	RATE* 85-89	NUMBER 1989	RATE* 1989	RATE* 85-89	NUMBER 1989	RATE* 1989	RATE* 85-89
POPULATION									
1. TOTAL	16607	0.3	0.3	6037	0.1	0.1	10570	0.7	0.7
MALES	7809	47.0	47.4	2898	48.0	48.0	4911	46.5	47.0
FEMALES	8798	53.0	52.6	3139	52.0	52.0	5659	53.5	53.0
2. NATURAL INCREASE	44	2.6	1.8	-20	-3.3	-3.7	64	6.1	4.9
LIVE BIRTHS									
3. TOTAL	238	14.3	14.4	55	9.1	10.7	183	17.3	16.4
MALES	119	7.2	7.4	24	4.0	5.4	95	9.0	8.6
FEMALES	119	7.2	6.9	31	5.1	5.3	88	8.3	7.8
4. ATTENDANT									
PHYSICIAN IN HOSPITAL	238	100.0	99.7	55	100.0	99.7	183	100.0	99.7
PHYSICIAN NOT IN HOSPITAL	0	0.0	0.3	0	0.0	0.0	0	0.0	0.3
CERTIFIED NURSE MIDWIFE	0	0.0	0.1	0	0.0	0.3	0	0.0	0.0
OTHER ATTENDANT	0	0.0	0.0	0	0.0	0.0	0	0.0	0.0
5. PREMATURE BIRTHS	32	13.4	11.0	9	16.4	6.0	23	12.6	12.8
6. OUT OF WEDLOCK	103	43.3	42.5	8	14.5	11.9	95	51.9	53.7
7. OCCURRENCE									
TOTAL	0	0.0	0.0	0	0.0	0.0	0	0.0	0.0
TO RESIDENTS	0		100.0	0			0		100.0
FETAL & INFANT MORTALITY									
8. PERINATAL DEATHS	4	16.6	20.0	1	17.9	12.5	3	16.2	22.8
9. FETAL DEATHS	3	12.4	10.8	1	17.9	6.2	2	10.8	12.5
ATTENDANT									
PHYSICIAN IN HOSPITAL	3	100.0	92.3	1	100.0	100.0	2	100.0	90.9
PHYSICIAN NOT IN HOSPITAL	0	0.0	7.7	0	0.0	0.0	0	0.0	9.1
CERTIFIED NURSE MIDWIFE	0	0.0	0.0	0	0.0	0.0	0	0.0	0.0
OTHER ATTENDANT	0	0.0	0.0	0	0.0	0.0	0	0.0	0.0
OUT OF WEDLOCK	1	33.3	61.5	0	0.0	0.0	1	50.0	72.7
10. NEONATAL (UNDER 28 DAYS)	1	4.2	9.3	0	0.0	6.3	1	5.5	10.4
11. POSTNEONATAL (28 DAYS - 1 YEAR)	1	4.2	10.2	0	0.0	3.2	1	5.5	12.8
12. INFANT DEATHS (UNDER 1 YEAR)	2	8.4	19.4	0	0.0	9.4	2	10.9	23.0
DEATHS (EXCLUDING FETALS)									
13. TOTAL	194	11.7	12.6	75	12.4	14.4	119	11.3	11.6
MALES	110	14.1	15.0	39	13.5	16.8	71	14.5	13.9
FEMALES	84	9.5	10.4	36	11.5	12.1	48	8.5	9.5
14. AGE									
00-04 YEARS	3	2.8	4.6	0	0.0	1.9	3	4.0	5.6
05-14 YEARS	3	1.2	0.3	0	0.0	0.3	3	1.7	0.3
15-24 YEARS	3	1.4	1.3	0	0.0	2.2	3	1.9	1.0
25-34 YEARS	2	0.8	1.5	0	0.0	0.8	2	1.2	1.9
35-44 YEARS	6	2.7	3.6	1	1.3	1.9	5	3.4	4.6
45-54 YEARS	14	8.6	3.6	4	5.5	5.1	10	11.0	11.4
55-64 YEARS	29	15.7	15.6	12	13.9	12.2	17	17.2	18.6
65 AND OVER	134	47.9	54.0	58	43.5	52.8	76	51.9	55.0
15. PLACE OF DEATH									
HOSPITAL	111	57.2	57.4	39	52.0	54.7	72	60.5	59.2
OTHER INSTITUTION	28	14.4	15.8	10	13.3	20.1	18	15.1	12.8
HOME OR NON-INSTITUTION	55	28.4	26.9	26	34.7	25.2	29	24.4	28.0
16. OCCURRENCE									
TOTAL	84	0.1	0.1	35	0.1	0.1	49	0.3	0.3
TO RESIDENTS	72	85.7	85.1	31	88.6	84.4	41	83.7	85.7
OTHER EVENTS									
17. MARRIAGES	112	6.7	7.5						
18. DIVORCES AND ANNULMENTS	44	2.6	3.1						

* SEE DEFINITIONS AND FORMULAS (SECTION VII)

SELECTED VITAL STATISTICS FOR 1989 AND 1985-1989

WASHINGTON COUNTY

ITEM	TOTAL NUMBER 1989	TOTAL RATE* 1989	TOTAL RATE* 85-89	WHITE NUMBER 1989	WHITE RATE* 1989	WHITE RATE* 85-89	NONWHITE NUMBER 1989	NONWHITE RATE* 1989	NONWHITE RATE* 85-89
POPULATION									
1. TOTAL	14506	0.2	0.2	8095	0.2	0.2	6411	0.4	0.4
MALES	6917	47.7	47.9	3851	47.6	47.7	3066	47.8	48.2
FEMALES	7589	52.3	52.1	4244	52.4	52.3	3345	52.2	51.8
2. NATURAL INCREASE	72	5.0	4.9	10	1.2	0.7	62	9.7	10.2
LIVE BIRTHS									
3. TOTAL	217	15.0	14.8	98	12.1	11.3	119	18.6	19.1
MALES	122	8.4	7.5	57	7.0	5.8	65	10.1	9.7
FEMALES	95	6.5	7.2	41	5.1	5.5	54	8.4	9.4
4. ATTENDANT									
PHYSICIAN IN HOSPITAL	216	99.5	99.4	98	100.0	99.8	118	99.2	99.2
PHYSICIAN NOT IN HOSPITAL	0	0.0	0.2	0	0.0	0.0	0	0.0	0.3
CERTIFIED NURSE MIDWIFE	0	0.0	0.1	0	0.0	0.2	0	0.0	0.0
OTHER ATTENDANT	1	0.5	0.3	0	0.0	0.0	1	0.8	0.5
5. PREMATURE BIRTHS	18	8.3	8.5	3	3.1	6.1	15	12.6	10.2
6. OUT OF WEDLOCK	84	38.7	42.1	10	10.2	9.6	74	62.2	66.2
7. OCCURRENCE									
TOTAL	97	0.1	0.1	32	0.0	0.1	65	0.2	0.3
TO RESIDENTS	73	75.3	76.2	19	59.4	54.8	54	83.1	86.5
FETAL & INFANT MORTALITY									
8. PERINATAL DEATHS	6	27.1	29.3	0	0.0	19.6	6	48.8	36.4
9. FETAL DEATHS	4	18.1	14.7	0	0.0	4.4	4	32.5	22.2
ATTENDANT									
PHYSICIAN IN HOSPITAL	4	100.0	100.0	0		100.0	4	100.0	100.0
PHYSICIAN NOT IN HOSPITAL	0	0.0	0.0	0		0.0	0	0.0	0.0
CERTIFIED NURSE MIDWIFE	0	0.0	0.0	0		0.0	0	0.0	0.0
OTHER ATTENDANT	0	0.0	0.0	0		0.0	0	0.0	0.0
OUT OF WEDLOCK	3	75.0	75.0	0		0.0	3	75.0	85.7
10. NEONATAL (UNDER 28 DAYS)	2	9.2	14.9	0	0.0	15.3	2	16.8	14.6
11. POSTNEONATAL (28 DAYS - 1 YEAR)	1	4.7	4.7	1	10.2	8.9	0	0.0	1.6
12. INFANT DEATHS (UNDER 1 YEAR)	3	13.8	19.5	1	10.2	24.1	2	16.8	16.2
DEATHS (EXCLUDING FETALS)									
13. TOTAL	145	10.0	9.8	88	10.9	10.5	57	8.9	8.9
MALES	80	11.6	11.7	49	12.7	12.5	31	10.1	10.7
FEMALES	65	8.6	8.1	39	9.2	8.7	26	7.8	7.2
14. AGE									
00-04 YEARS	3	2.7	4.2	1	1.9	4.7	2	3.5	3.7
05-14 YEARS	1	0.4	0.4	0	0.0	0.2	1	0.8	0.5
15-24 YEARS	3	1.4	1.5	0	0.0	1.4	3	2.6	1.5
25-34 YEARS	8	3.2	1.5	3	2.2	0.9	5	4.4	2.2
35-44 YEARS	4	1.9	2.5	1	0.8	1.7	3	3.2	3.6
45-54 YEARS	17	12.2	5.7	10	10.6	5.0	7	15.8	7.3
55-64 YEARS	17	13.5	14.8	9	10.8	12.5	8	19.0	19.4
65 AND OVER	92	51.5	56.8	64	52.9	53.9	28	48.5	62.8
15. PLACE OF DEATH									
HOSPITAL	98	67.6	73.7	55	62.5	72.6	43	75.4	75.3
OTHER INSTITUTION	21	14.5	13.3	15	17.0	13.8	6	10.5	12.5
HOME OR NON-INSTITUTION	26	17.9	13.0	18	20.5	13.6	8	14.0	12.2
16. OCCURRENCE									
TOTAL	117	0.2	0.2	71	0.2	0.1	46	0.3	0.3
TO RESIDENTS	99	84.6	84.0	58	81.7	81.1	41	89.1	88.2
OTHER EVENTS									
17. MARRIAGES	109	7.5	7.4						
18. DIVORCES AND ANNULMENTS	39	2.7	2.9						

* SEE DEFINITIONS AND FORMULAS (SECTION VII)

SELECTED VITAL STATISTICS FOR 1989 AND 1985-1989

WATAUGA COUNTY

ITEM	TOTAL			WHITE			NONWHITE		
	NUMBER 1989	RATE* 1989	RATE* 85-89	NUMBER 1989	RATE* 1989	RATE* 85-89	NUMBER 1989	RATE* 1989	RATE* 85-89
POPULATION									
1. TOTAL	35262	0.5	0.5	34572	0.7	0.7	690	0.0	0.0
MALES	17207	48.8	48.8	16852	48.7	48.8	355	51.4	52.3
FEMALES	18055	51.2	51.2	17720	51.3	51.2	335	48.6	47.7
2. NATURAL INCREASE	159	4.5	4.3	153	4.4	4.3	6	8.7	4.8
LIVE BIRTHS									
3. TOTAL	362	10.3	10.7	352	10.2	10.7	10	14.5	10.5
MALES	174	4.9	5.3	169	4.9	5.3	5	7.2	5.1
FEMALES	188	5.3	5.3	183	5.3	5.3	5	7.2	5.4
4. ATTENDANT									
PHYSICIAN IN HOSPITAL	360	99.4	96.9	350	99.4	96.9	10	100.0	97.1
PHYSICIAN NOT IN HOSPITAL	0	0.0	0.3	0	0.0	0.3	0	0.0	0.0
CERTIFIED NURSE MIDWIFE	1	0.3	2.4	1	0.3	2.4	0	0.0	2.9
OTHER ATTENDANT	1	0.3	0.4	1	0.3	0.4	0	0.0	0.0
5. PREMATURE BIRTHS	9	2.5	5.0	6	1.7	4.7	3	30.0	20.0
6. OUT OF WEDLOCK	50	13.8	10.0	44	12.5	9.6	6	60.0	34.3
7. OCCURRENCE									
TOTAL	842	0.8	0.8	831	1.2	1.1	11	0.0	0.0
TO RESIDENTS	337	40.0	47.2	328	39.5	46.9	9	81.8	71.1
FETAL & INFANT MORTALITY									
8. PERINATAL DEATHS	3	8.2	14.5	2	5.6	14.2	1	100.0	28.6
9. FETAL DEATHS	2	5.5	8.1	2	5.6	8.2	0	0.0	0.0
ATTENDANT									
PHYSICIAN IN HOSPITAL	1	50.0	86.7	1	50.0	86.7	0		
PHYSICIAN NOT IN HOSPITAL	1	50.0	13.3	1	50.0	13.3	0		
CERTIFIED NURSE MIDWIFE	0	0.0	0.0	0	0.0	0.0	0		
OTHER ATTENDANT	0	0.0	0.0	0	0.0	0.0	0		
OUT OF WEDLOCK	0	0.0	13.3	0	0.0	13.3	0		
10. NEONATAL (UNDER 28 DAYS)	1	2.8	6.5	0	0.0	6.1	1	100.0	28.6
11. POSTNEONATAL (28 DAYS - 1 YEAR)	0	0.0	1.1	0	0.0	1.1	0	0.0	0.0
12. INFANT DEATHS (UNDER 1 YEAR)	1	2.8	7.6	0	0.0	7.2	1	100.0	28.6
DEATHS (EXCLUDING FETALS)									
13. TOTAL	203	5.8	6.3	199	5.8	6.4	4	5.8	5.7
MALES	109	6.3	6.9	109	6.5	7.0	0	0.0	4.6
FEMALES	94	5.2	5.8	90	5.1	5.8	4	11.9	6.9
14. AGE									
00-04 YEARS	2	1.2	2.5	1	0.6	2.4	1	27.8	5.9
05-14 YEARS	0	0.0	0.2	0	0.0	0.2	0	0.0	0.0
15-24 YEARS	4	0.4	0.5	4	0.4	0.5	0	0.0	0.0
25-34 YEARS	4	0.8	0.5	4	0.8	0.5	0	0.0	0.0
35-44 YEARS	7	1.6	1.7	7	1.7	1.6	0	0.0	3.2
45-54 YEARS	5	1.6	2.8	5	1.6	2.8	0	0.0	5.4
55-64 YEARS	19	7.3	10.4	19	7.4	10.3	0	0.0	19.1
65 AND OVER	162	43.0	45.5	159	42.8	45.4	3	60.0	52.0
15. PLACE OF DEATH									
HOSPITAL	135	66.5	67.2	131	65.8	66.7	4	100.0	100.0
OTHER INSTITUTION	28	13.8	11.7	28	14.1	11.9	0	0.0	0.0
HOME OR NON-INSTITUTION	40	19.7	21.0	40	20.1	21.4	0	0.0	0.0
16. OCCURRENCE									
TOTAL	274	0.5	0.5	269	0.6	0.6	5	0.0	0.0
TO RESIDENTS	154	56.2	63.5	151	56.1	63.8	3	60.0	51.5
OTHER EVENTS									
17. MARRIAGES	361	10.2	9.8						
18. DIVORCES AND ANNULMENTS	134	3.8	3.7						

* SEE DEFINITIONS AND FORMULAS (SECTION VII)

SELECTED VITAL STATISTICS FOR 1989 AND 1985-1989

WAYNE COUNTY

ITEM	TOTAL			WHITE			NONWHITE		
	NUMBER 1989	RATE* 1989	RATE* 85-89	NUMBER 1989	RATE* 1989	RATE* 85-89	NUMBER 1989	RATE* 1989	RATE* 85-89
POPULATION									
1. TOTAL	100311	1.5	1.5	67136	1.3	1.4	33175	2.1	2.1
MALES	48030	47.9	48.1	32993	49.1	49.3	15037	45.3	45.8
FEMALES	52281	52.1	51.9	34143	50.9	50.7	18138	54.7	54.2
2. NATURAL INCREASE	757	7.5	7.0	461	6.9	6.2	296	8.9	8.8
LIVE BIRTHS									
3. TOTAL	1693	16.9	16.3	1052	15.7	14.8	641	19.3	19.2
MALES	878	8.8	8.3	560	8.3	7.7	318	9.6	9.6
FEMALES	815	8.1	8.0	492	7.3	7.2	323	9.7	9.7
4. ATTENDANT									
PHYSICIAN IN HOSPITAL	1562	92.3	97.5	950	90.3	96.8	612	95.5	98.5
PHYSICIAN NOT IN HOSPITAL	4	0.2	0.1	0	0.0	0.0	4	0.6	0.3
CERTIFIED NURSE MIDWIFE	119	7.0	2.2	99	9.4	3.0	20	3.1	0.9
OTHER ATTENDANT	8	0.5	0.2	3	0.3	0.2	5	0.8	0.3
5. PREMATURE BIRTHS	134	7.9	7.5	56	5.3	5.0	78	12.2	11.5
6. OUT OF WEDLOCK	480	28.4	26.1	100	9.5	8.0	380	59.3	54.0
7. OCCURRENCE									
TOTAL	1748	1.7	1.8	1107	1.6	1.7	641	1.9	2.1
TO RESIDENTS	1564	89.5	87.6	974	88.0	85.5	590	92.0	91.0
FETAL & INFANT MORTALITY									
8. PERINATAL DEATHS	23	13.5	15.2	10	9.5	13.5	13	20.0	17.8
9. FETAL DEATHS	11	6.5	8.1	3	2.8	7.1	8	12.3	9.7
ATTENDANT									
PHYSICIAN IN HOSPITAL	10	90.9	97.0	3	100.0	97.1	7	87.5	96.8
PHYSICIAN NOT IN HOSPITAL	0	0.0	0.0	0	0.0	0.0	0	0.0	0.0
CERTIFIED NURSE MIDWIFE	1	9.1	1.5	0	0.0	0.0	1	12.5	3.2
OTHER ATTENDANT	0	0.0	1.5	0	0.0	2.9	0	0.0	0.0
OUT OF WEDLOCK	5	45.5	40.9	1	33.3	22.9	4	50.0	61.3
10. NEONATAL (UNDER 28 DAYS)	12	7.1	7.1	7	6.7	6.4	5	7.8	8.2
11. POSTNEONATAL (28 DAYS - 1 YEAR)	6	3.6	3.6	5	4.8	2.7	1	1.6	5.1
12. INFANT DEATHS (UNDER 1 YEAR)	18	10.6	10.7	12	11.4	9.0	6	9.4	13.2
DEATHS (EXCLUDING FETALS)									
13. TOTAL	936	9.3	9.3	591	8.8	8.7	345	10.4	10.5
MALES	492	10.2	10.1	316	9.6	9.1	176	11.7	12.1
FEMALES	444	8.5	8.5	275	8.1	8.2	169	9.3	9.1
14. AGE									
00-04 YEARS	21	2.9	2.7	13	2.8	2.2	8	3.0	3.6
05-14 YEARS	6	0.4	0.4	0	0.0	0.2	6	1.0	0.6
15-24 YEARS	15	0.9	1.1	9	0.9	1.0	6	1.1	1.1
25-34 YEARS	25	1.4	1.6	12	1.0	1.1	13	2.2	2.4
35-44 YEARS	53	3.7	3.1	17	1.7	2.0	36	7.7	5.4
45-54 YEARS	63	6.2	6.4	32	4.3	5.0	31	11.3	10.4
55-64 YEARS	154	17.3	17.2	98	14.9	14.0	56	24.2	25.6
65 AND OVER	599	56.1	58.9	410	54.8	56.4	189	59.2	64.3
15. PLACE OF DEATH									
HOSPITAL	560	59.8	58.7	335	56.7	58.7	225	65.2	58.8
OTHER INSTITUTION	189	20.2	19.7	131	22.2	21.0	58	16.8	17.5
HOME OR NON-INSTITUTION	187	20.0	21.6	125	21.2	20.3	62	18.0	23.7
16. OCCURRENCE									
TOTAL	906	1.6	1.6	587	1.3	1.3	319	2.2	2.4
TO RESIDENTS	773	85.3	85.4	490	83.5	83.6	283	88.7	88.6
OTHER EVENTS									
17. MARRIAGES	915	9.1	8.9						
18. DIVORCES AND ANNULMENTS	481	4.8	4.8						

* SEE DEFINITIONS AND FORMULAS (SECTION VII)

SELECTED VITAL STATISTICS FOR 1989 AND 1985-1989

WILKES COUNTY

ITEM	TOTAL			WHITE			NONWHITE		
	NUMBER 1989	RATE* 1989	RATE* 85-89	NUMBER 1989	RATE* 1989	RATE* 85-89	NUMBER 1989	RATE* 1989	RATE* 85-89
POPULATION									
1. TOTAL	61162	0.9	1.0	58286	1.2	1.2	2876	0.2	0.2
MALES	29813	48.7	48.8	28438	48.8	48.8	1375	47.8	48.3
FEMALES	31349	51.3	51.2	29848	51.2	51.2	1501	52.2	51.7
2. NATURAL INCREASE	227	3.7	3.5	201	3.4	3.4	26	9.0	5.9
LIVE BIRTHS									
3. TOTAL	754	12.3	12.1	702	12.0	11.9	52	18.1	15.9
MALES	369	6.0	6.1	345	5.9	6.0	24	8.3	7.5
FEMALES	385	6.3	6.0	357	6.1	5.9	28	9.7	8.4
4. ATTENDANT									
PHYSICIAN IN HOSPITAL	753	99.9	99.8	701	99.9	99.8	52	100.0	100.0
PHYSICIAN NOT IN HOSPITAL	0	0.0	0.1	0	0.0	0.1	0	0.0	0.0
CERTIFIED NURSE MIDWIFE	1	0.1	0.1	1	0.1	0.1	0	0.0	0.0
OTHER ATTENDANT	0	0.0	0.1	0	0.0	0.1	0	0.0	0.0
5. PREMATURE BIRTHS	54	7.2	7.6	45	6.4	7.0	9	17.3	15.7
6. OUT OF WEDLOCK	128	17.0	15.1	99	14.1	12.5	29	55.8	53.6
7. OCCURRENCE									
TOTAL	612	0.6	0.6	567	0.8	0.9	45	0.1	0.1
TO RESIDENTS	575	94.0	94.7	532	93.8	94.5	43	95.6	97.2
FETAL & INFANT MORTALITY									
8. PERINATAL DEATHS	14	18.4	14.3	13	18.4	14.1	1	19.2	16.9
9. FETAL DEATHS	6	7.9	6.5	6	8.5	6.6	0	0.0	4.2
ATTENDANT									
PHYSICIAN IN HOSPITAL	6	100.0	91.7	6	100.0	91.3	0		100.0
PHYSICIAN NOT IN HOSPITAL	0	0.0	0.0	0	0.0	0.0	0		0.0
CERTIFIED NURSE MIDWIFE	0	0.0	0.0	0	0.0	0.0	0		0.0
OTHER ATTENDANT	0	0.0	8.3	0	0.0	8.7	0		0.0
OUT OF WEDLOCK	3	50.0	16.7	3	50.0	13.0	0		100.0
10. NEONATAL (UNDER 28 DAYS)	8	10.6	7.9	7	10.0	7.5	1	19.2	12.8
11. POSTNEONATAL (28 DAYS - 1 YEAR)	5	6.7	5.2	3	4.3	4.1	2	39.2	21.6
12. INFANT DEATHS (UNDER 1 YEAR)	13	17.2	13.0	10	14.2	11.6	3	57.7	34.0
DEATHS (EXCLUDING FETALS)									
13. TOTAL	527	8.6	8.6	501	8.6	8.5	26	9.0	10.0
MALES	308	10.3	9.6	293	10.3	9.5	15	10.9	11.3
FEMALES	219	7.0	7.6	208	7.0	7.5	11	7.3	8.8
14. AGE									
00-04 YEARS	15	3.9	2.8	12	3.2	2.5	3	18.0	9.0
05-14 YEARS	2	0.2	0.3	2	0.3	0.3	0	0.0	0.0
15-24 YEARS	13	1.4	1.0	13	1.5	1.0	0	0.0	1.6
25-34 YEARS	14	1.4	1.1	12	1.2	1.1	2	4.0	0.8
35-44 YEARS	14	1.5	2.0	14	1.6	2.0	0	0.0	3.5
45-54 YEARS	36	5.2	5.8	32	4.8	5.5	4	14.2	10.7
55-64 YEARS	64	11.5	12.8	64	12.0	12.6	0	0.0	15.9
65 AND OVER	369	49.1	49.7	352	49.3	49.7	17	44.6	48.8
15. PLACE OF DEATH									
HOSPITAL	336	63.8	64.0	321	64.1	64.9	15	57.7	50.0
OTHER INSTITUTION	67	12.7	14.9	65	13.0	14.7	2	7.7	18.9
HOME OR NON-INSTITUTION	124	23.5	21.0	115	23.0	20.4	9	34.6	31.1
16. OCCURRENCE									
TOTAL	417	0.7	0.7	394	0.9	0.9	23	0.2	0.2
TO RESIDENTS	383	91.8	91.9	363	92.1	91.9	20	87.0	92.2
OTHER EVENTS									
17. MARRIAGES	484	7.9	8.6						
18. DIVORCES AND ANNULMENTS	264	4.3	4.2						

* SEE DEFINITIONS AND FORMULAS (SECTION VII)

SELECTED VITAL STATISTICS FOR 1989 AND 1985-1989

WILSON COUNTY

	TOTAL			WHITE			NONWHITE		
ITEM	NUMBER 1989	RATE* 1989	RATE* 85-89	NUMBER 1989	RATE* 1989	RATE* 85-89	NUMBER 1989	RATE* 1989	RATE* 85-89
POPULATION									
1. TOTAL	65961	1.0	1.0	42420	0.9	0.9	23541	1.5	1.5
MALES	30665	46.5	46.7	19964	47.1	47.2	10701	45.5	45.8
FEMALES	35296	53.5	53.3	22456	52.9	52.8	12840	54.5	54.2
2. NATURAL INCREASE	344	5.2	4.3	114	2.7	1.4	230	9.8	9.3
LIVE BIRTHS									
3. TOTAL	1018	15.4	14.4	498	11.7	11.0	520	22.1	20.2
MALES	518	7.9	7.2	245	5.8	5.6	273	11.6	10.1
FEMALES	500	7.6	7.1	253	6.0	5.4	247	10.5	10.1
4. ATTENDANT									
PHYSICIAN IN HOSPITAL	1011	99.3	99.6	496	99.6	99.6	515	99.0	99.7
PHYSICIAN NOT IN HOSPITAL	2	0.2	0.1	0	0.0	0.0	2	0.4	0.2
CERTIFIED NURSE MIDWIFE	4	0.4	0.2	2	0.4	0.3	2	0.4	0.1
OTHER ATTENDANT	1	0.1	0.1	0	0.0	0.2	1	0.2	0.1
5. PREMATURE BIRTHS	100	9.8	9.5	30	6.0	6.8	70	13.5	12.1
6. OUT OF WEDLOCK	418	41.1	38.7	67	13.5	10.4	351	67.5	66.0
7. OCCURRENCE									
TOTAL	1290	1.3	1.2	695	1.0	1.0	595	1.8	1.7
TO RESIDENTS	941	72.9	74.6	452	65.0	66.2	489	82.2	84.7
FETAL & INFANT MORTALITY									
8. PERINATAL DEATHS	13	12.7	13.6	4	8.0	12.5	9	17.1	14.6
9. FETAL DEATHS	7	6.8	8.3	1	2.0	7.3	6	11.4	9.2
ATTENDANT									
PHYSICIAN IN HOSPITAL	7	100.0	94.9	1	100.0	94.1	6	100.0	95.5
PHYSICIAN NOT IN HOSPITAL	0	0.0	2.6	0	0.0	0.0	0	0.0	4.5
CERTIFIED NURSE MIDWIFE	0	0.0	0.0	0	0.0	0.0	0	0.0	0.0
OTHER ATTENDANT	0	0.0	2.6	0	0.0	5.9	0	0.0	0.0
OUT OF WEDLOCK	4	57.1	59.0	0	0.0	35.3	4	66.7	77.3
10. NEONATAL (UNDER 28 DAYS)	6	5.9	5.3	3	6.0	5.2	3	5.8	5.5
11. POSTNEONATAL (28 DAYS - 1 YEAR)	4	4.0	4.1	0	0.0	2.2	4	7.7	5.9
12. INFANT DEATHS (UNDER 1 YEAR)	10	9.8	9.4	3	6.0	7.4	7	13.5	11.3
DEATHS (EXCLUDING FETALS)									
13. TOTAL	674	10.2	10.1	384	9.1	9.6	290	12.3	10.9
MALES	371	12.1	11.4	205	10.3	10.4	166	15.5	13.3
FEMALES	303	8.6	9.0	179	8.0	9.0	124	9.7	9.0
14. AGE									
00-04 YEARS	11	2.5	2.4	3	1.2	1.5	8	4.1	3.5
05-14 YEARS	5	0.5	0.4	3	0.6	0.4	2	0.5	0.5
15-24 YEARS	8	0.8	1.1	8	1.2	0.9	0	0.0	1.3
25-34 YEARS	20	1.8	1.7	7	1.0	0.9	13	3.3	3.1
35-44 YEARS	35	3.6	3.2	11	1.7	2.2	24	7.2	5.4
45-54 YEARS	54	8.0	7.1	24	4.9	4.5	30	16.4	13.9
55-64 YEARS	99	16.4	17.3	44	10.2	14.1	55	32.2	24.8
65 AND OVER	442	54.4	55.8	284	50.2	53.7	158	64.2	60.5
15. PLACE OF DEATH									
HOSPITAL	458	68.0	66.0	253	65.9	65.8	205	70.7	66.4
OTHER INSTITUTION	109	16.2	16.8	75	19.5	18.4	34	11.7	14.3
HOME OR NON-INSTITUTION	107	15.9	17.1	56	14.6	15.8	51	17.6	19.2
16. OCCURRENCE									
TOTAL	755	1.3	1.4	452	1.0	1.2	303	2.1	2.0
TO RESIDENTS	569	75.4	73.9	322	71.2	70.2	247	81.5	80.7
OTHER EVENTS									
17. MARRIAGES	549	8.3	8.6						
18. DIVORCES AND ANNULMENTS	330	5.0	4.7						

* SEE DEFINITIONS AND FORMULAS (SECTION VII)

SELECTED VITAL STATISTICS FOR 1989 AND 1985-1989

YADKIN COUNTY

ITEM	TOTAL			WHITE			NONWHITE		
	NUMBER	RATE*		NUMBER	RATE*		NUMBER	RATE*	
	1989	1989	85-89	1989	1989	85-89	1989	1989	85-89
POPULATION									
1. TOTAL	30543	0.5	0.5	29058	0.6	0.6	1485	0.1	0.1
MALES	14973	49.0	49.0	14217	48.9	48.9	756	50.9	51.1
FEMALES	15570	51.0	51.0	14841	51.1	51.1	729	49.1	48.9
2. NATURAL INCREASE	63	2.1	1.9	60	2.1	1.8	3	2.0	4.9
LIVE BIRTHS									
3. TOTAL	384	12.6	11.9	365	12.6	11.9	19	12.8	13.0
MALES	182	6.0	6.1	172	5.9	6.0	10	6.7	7.4
FEMALES	202	6.6	5.9	193	6.6	5.9	9	6.1	5.6
4. ATTENDANT									
PHYSICIAN IN HOSPITAL	381	99.2	99.3	362	99.2	99.3	19	100.0	97.9
PHYSICIAN NOT IN HOSPITAL	0	0.0	0.0	0	0.0	0.0	0	0.0	0.0
CERTIFIED NURSE MIDWIFE	1	0.3	0.5	1	0.3	0.5	0	0.0	1.0
OTHER ATTENDANT	2	0.5	0.2	2	0.5	0.2	0	0.0	1.0
5. PREMATURE BIRTHS	21	5.5	6.9	18	4.9	6.6	3	15.8	12.4
6. OUT OF WEDLOCK	64	16.7	12.9	57	15.6	10.6	7	36.8	52.6
7. OCCURRENCE									
TOTAL	132	0.1	0.1	120	0.2	0.1	12	0.0	0.0
TO RESIDENTS	115	87.1	90.7	105	87.5	90.5	10	83.3	92.5
FETAL & INFANT MORTALITY									
8. PERINATAL DEATHS	5	12.9	11.1	4	10.9	11.2	1	50.0	10.2
9. FETAL DEATHS	4	10.3	7.2	3	8.2	7.1	1	50.0	10.2
ATTENDANT									
PHYSICIAN IN HOSPITAL	4	100.0	100.0	3	100.0	100.0	1	100.0	100.0
PHYSICIAN NOT IN HOSPITAL	0	0.0	0.0	0	0.0	0.0	0	0.0	0.0
CERTIFIED NURSE MIDWIFE	0	0.0	0.0	0	0.0	0.0	0	0.0	0.0
OTHER ATTENDANT	0	0.0	0.0	0	0.0	0.0	0	0.0	0.0
OUT OF WEDLOCK	1	25.0	23.1	0	0.0	16.7	1	100.0	100.0
10. NEONATAL (UNDER 28 DAYS)	1	2.6	3.9	1	2.7	4.1	0	0.0	0.0
11. POSTNEONATAL (28 DAYS - 1 YEAR)	0	0.0	3.4	0	0.0	3.0	0	0.0	10.3
12. INFANT DEATHS (UNDER 1 YEAR)	1	2.6	7.3	1	2.7	7.1	0	0.0	10.3
DEATHS (EXCLUDING FETALS)									
13. TOTAL	321	10.5	10.0	305	10.5	10.1	16	10.8	8.0
MALES	162	10.8	11.2	154	10.8	11.4	8	10.6	8.9
FEMALES	159	10.2	8.8	151	10.2	8.9	8	11.0	7.1
14. AGE									
00-04 YEARS	2	1.1	2.4	1	0.6	2.2	1	11.1	6.5
05-14 YEARS	2	0.5	0.2	2	0.6	0.2	0	0.0	0.0
15-24 YEARS	3	0.7	1.0	3	0.7	1.1	0	0.0	0.7
25-34 YEARS	4	0.8	1.1	4	0.9	1.1	0	0.0	0.0
35-44 YEARS	5	1.1	1.6	5	1.1	1.6	0	0.0	2.8
45-54 YEARS	14	3.8	4.4	12	3.4	4.0	2	16.1	17.2
55-64 YEARS	41	12.9	11.1	34	11.1	10.9	7	59.3	16.8
65 AND OVER	250	56.9	54.0	244	58.0	54.8	6	32.3	36.1
15. PLACE OF DEATH									
HOSPITAL	197	61.4	63.2	184	60.3	62.7	13	81.3	75.0
OTHER INSTITUTION	70	21.8	20.5	69	22.6	20.9	1	6.3	10.0
HOME OR NON-INSTITUTION	54	16.8	16.3	52	17.0	16.4	2	12.5	15.0
16. OCCURRENCE									
TOTAL	188	0.3	0.3	183	0.4	0.4	5	0.0	0.0
TO RESIDENTS	162	86.2	87.0	158	86.3	86.9	4	80.0	90.0
OTHER EVENTS									
17. MARRIAGES	242	7.9	8.9						
18. DIVORCES AND ANNULMENTS	115	3.8	3.5						

* SEE DEFINITIONS AND FORMULAS (SECTION VII)

SELECTED VITAL STATISTICS FOR 1989 AND 1985-1989

YANCEY COUNTY

ITEM	TOTAL			WHITE			NONWHITE		
	NUMBER 1989	RATE* 1989	RATE* 85-89	NUMBER 1989	RATE* 1989	RATE* 85-89	NUMBER 1989	RATE* 1989	RATE* 85-89
POPULATION									
1. TOTAL	16005	0.2	0.2	15756	0.3	0.3	249	0.0	0.0
MALES	7743	48.4	48.5	7588	48.2	48.3	155	62.2	62.9
FEMALES	8262	51.6	51.5	8168	51.8	51.7	94	37.8	37.1
2. NATURAL INCREASE	14	0.9	2.3	15	1.0	2.3	-1	-4.0	3.2
LIVE BIRTHS									
3. TOTAL	163	10.2	11.1	162	10.3	11.1	1	4.0	10.4
MALES	89	5.6	5.7	89	5.6	5.7	0	0.0	4.0
FEMALES	74	4.6	5.4	73	4.6	5.4	1	4.0	6.4
4. ATTENDANT									
PHYSICIAN IN HOSPITAL	154	94.5	92.2	153	94.4	92.2	1	100.0	92.3
PHYSICIAN NOT IN HOSPITAL	0	0.0	0.1	0	0.0	0.1	0	0.0	0.0
CERTIFIED NURSE MIDWIFE	7	4.3	6.0	7	4.3	6.0	0	0.0	7.7
OTHER ATTENDANT	2	1.2	1.7	2	1.2	1.7	0	0.0	0.0
5. PREMATURE BIRTHS	7	4.3	6.1	7	4.3	5.9	0	0.0	23.1
6. OUT OF WEDLOCK	23	14.1	11.1	22	13.6	10.8	1	100.0	30.8
7. OCCURRENCE									
TOTAL	2	0.0	0.0	2	0.0	0.0	0	0.0	0.0
TO RESIDENTS	2	100.0	100.0	2	100.0	100.0	0		
FETAL & INFANT MORTALITY									
8. PERINATAL DEATHS	0	0.0	13.5	0	0.0	12.5	0	0.0	71.4
9. FETAL DEATHS	0	0.0	9.0	0	0.0	8.0	0	0.0	71.4
ATTENDANT									
PHYSICIAN IN HOSPITAL	0		100.0	0		100.0	0		100.0
PHYSICIAN NOT IN HOSPITAL	0		0.0	0		0.0	0		0.0
CERTIFIED NURSE MIDWIFE	0		0.0	0		0.0	0		0.0
OTHER ATTENDANT	0		0.0	0		0.0	0		0.0
OUT OF WEDLOCK	0		50.0	0		42.9	0		100.0
10. NEONATAL (UNDER 28 DAYS)	0	0.0	4.5	0	0.0	4.6	0	0.0	0.0
11. POSTNEONATAL (28 DAYS - 1 YEAR)	0	0.0	2.3	0	0.0	2.3	0	0.0	0.0
12. INFANT DEATHS (UNDER 1 YEAR)	0	0.0	6.8	0	0.0	6.9	0	0.0	0.0
DEATHS (EXCLUDING FETALS)									
13. TOTAL	149	9.3	8.8	147	9.3	8.9	2	8.0	7.2
MALES	78	10.1	9.9	76	10.0	9.9	2	12.9	8.9
FEMALES	71	8.6	7.8	71	8.7	7.9	0	0.0	4.3
14. AGE									
00-04 YEARS	0	0.0	1.2	0	0.0	1.2	0	0.0	0.0
05-14 YEARS	1	0.5	0.3	1	0.5	0.3	0	0.0	0.0
15-24 YEARS	1	0.4	0.9	0	0.0	0.8	1	22.2	4.0
25-34 YEARS	3	1.2	0.8	3	1.3	0.8	0	0.0	0.0
35-44 YEARS	5	2.1	2.2	5	2.1	2.1	0	0.0	6.0
45-54 YEARS	5	2.9	3.9	5	2.9	4.0	0	0.0	0.0
55-64 YEARS	13	8.3	11.1	12	7.7	10.8	1	41.7	33.9
65 AND OVER	121	48.1	43.1	121	48.5	43.2	0	0.0	30.3
15. PLACE OF DEATH									
HOSPITAL	96	64.4	61.1	94	63.9	60.9	2	100.0	77.8
OTHER INSTITUTION	28	18.8	18.1	28	19.0	18.3	0	0.0	0.0
HOME OR NON-INSTITUTION	25	16.8	20.8	25	17.0	20.8	0	0.0	22.2
16. OCCURRENCE									
TOTAL	84	0.1	0.1	84	0.2	0.1	0	0.0	0.0
TO RESIDENTS	71	84.5	91.0	71	84.5	90.8	0		100.0
OTHER EVENTS									
17. MARRIAGES	158	9.9	10.0						
18. DIVORCES AND ANNULMENTS	65	4.1	4.1						

* SEE DEFINITIONS AND FORMULAS (SECTION VII)

CITY TABLES

SELECTED VITAL STATISTICS FOR 1989 AND 1985-1989

ALBEMARLE

ITEM	TOTAL			WHITE			NONWHITE		
	NUMBER 1989	RATE* 1989	RATE* 85-89	NUMBER 1989	RATE* 1989	RATE* 85-89	NUMBER 1989	RATE* 1989	RATE* 85-89
POPULATION									
			POPULATION NOT AVAILABLE FOR CITIES (SEE SECTION VI)						
2. NATURAL INCREASE	41			-18			59		
LIVE BIRTHS									
3. TOTAL	211			134			77		
MALES	110			65			45		
FEMALES	101			69			32		
4. ATTENDANT									
PHYSICIAN IN HOSPITAL	210	99.5	99.5	133	99.3	99.2	77	100.0	100.0
PHYSICIAN NOT IN HOSPITAL	0	0.0	0.0	0	0.0	0.0	0	0.0	0.0
CERTIFIED NURSE MIDWIFE	0	0.0	0.3	0	0.0	0.5	0	0.0	0.0
OTHER ATTENDANT	1	0.5	0.2	1	0.7	0.3	0	0.0	0.0
5. PREMATURE BIRTHS	23	10.9	9.0	15	11.2	7.4	8	10.4	12.5
6. OUT OF WEDLOCK	72	34.1	25.5	21	15.7	10.1	51	66.2	59.8
7. OCCURRENCE									
TOTAL	488	0.5	0.5	353	0.5	0.5	135	0.4	0.4
TO RESIDENTS	150	30.7	31.4	79	22.4	26.2	71	52.6	47.4
FETAL & INFANT MORTALITY									
8. PERINATAL DEATHS	5	23.4	15.5	2	14.8	13.5	3	38.0	19.9
9. FETAL DEATHS	3	14.0	10.3	1	7.4	7.5	2	25.3	16.6
ATTENDANT									
PHYSICIAN IN HOSPITAL	3	100.0	100.0	1	100.0	100.0	2	100.0	100.0
PHYSICIAN NOT IN HOSPITAL	0	0.0	0.0	0	0.0	0.0	0	0.0	0.0
CERTIFIED NURSE MIDWIFE	0	0.0	0.0	0	0.0	0.0	0	0.0	0.0
OTHER ATTENDANT	0	0.0	0.0	0	0.0	0.0	0	0.0	0.0
OUT OF WEDLOCK	2	66.7	50.0	1	100.0	60.0	1	50.0	40.0
10. NEONATAL (UNDER 28 DAYS)	2	9.5	5.2	1	7.5	6.0	1	13.0	3.4
11. POSTNEONATAL (28 DAYS - 1 YEAR)	0	0.0	2.1	0	0.0	1.5	0	0.0	3.4
12. INFANT DEATHS (UNDER 1 YEAR)	2	9.5	7.3	1	7.5	7.6	1	13.0	6.8
DEATHS (EXCLUDING FETALS)									
13. TOTAL	170			152			18		
MALES	75			68			7		
FEMALES	95			84			11		
14. AGE									
00-04 YEARS	2			1			1		
05-14 YEARS	1			0			1		
15-24 YEARS	2			2			0		
25-34 YEARS	1			1			0		
35-44 YEARS	4			3			1		
45-54 YEARS	4			4			0		
55-64 YEARS	19			16			3		
65 AND OVER	137			125			12		
15. PLACE OF DEATH									
HOSPITAL	117	68.8	67.7	103	67.8	66.7	14	77.8	74.1
OTHER INSTITUTION	31	18.2	16.4	29	19.1	17.5	2	11.1	9.5
HOME OR NON-INSTITUTION	22	12.9	15.9	20	13.2	15.8	2	11.1	16.4
16. OCCURRENCE									
TOTAL	277	0.5	0.5	245	0.6	0.6	32	0.2	0.3
TO RESIDENTS	113	40.8	42.4	101	41.2	41.7	12	37.5	46.6

* SEE DEFINITIONS AND FORMULAS (SECTION VII)

SELECTED VITAL STATISTICS FOR 1989 AND 1985-1989

ASHEBORO

	TOTAL			WHITE			NONWHITE		
	NUMBER	RATE*		NUMBER	RATE*		NUMBER	RATE*	
ITEM	1989	1989	85-89	1989	1989	85-89	1989	1989	85-89
POPULATION									
				POPULATION NOT AVAILABLE FOR CITIES (SEE SECTION VI)					
2. NATURAL INCREASE	49			21			28		
LIVE BIRTHS									
3. TOTAL	268			215			53		
MALES	149			123			26		
FEMALES	119			92			27		
4. ATTENDANT									
PHYSICIAN IN HOSPITAL	263	98.1	97.8	212	98.6	97.7	51	96.2	98.3
PHYSICIAN NOT IN HOSPITAL	1	0.4	0.1	1	0.5	0.1	0	0.0	0.0
CERTIFIED NURSE MIDWIFE	4	1.5	1.2	2	0.9	1.3	2	3.8	1.0
OTHER ATTENDANT	0	0.0	0.9	0	0.0	0.9	0	0.0	0.7
5. PREMATURE BIRTHS	24	9.0	8.6	18	8.4	7.6	6	11.3	11.7
6. OUT OF WEDLOCK	81	30.2	29.4	48	22.3	19.3	33	62.3	61.5
7. OCCURRENCE									
TOTAL	491	0.5	0.5	429	0.6	0.6	62	0.2	0.2
TO RESIDENTS	131	26.7	28.6	102	23.8	24.2	29	46.8	54.7
FETAL & INFANT MORTALITY									
8. PERINATAL DEATHS	3	11.2	14.3	1	4.7	10.4	2	37.0	26.5
9. FETAL DEATHS	1	3.7	7.9	0	0.0	7.3	1	18.5	9.9
ATTENDANT									
PHYSICIAN IN HOSPITAL	1	100.0	90.0	0		85.7	1	100.0	100.0
PHYSICIAN NOT IN HOSPITAL	0	0.0	0.0	0		0.0	0	0.0	0.0
CERTIFIED NURSE MIDWIFE	0	0.0	0.0	0		0.0	0	0.0	0.0
OTHER ATTENDANT	0	0.0	10.0	0		14.3	0	0.0	0.0
OUT OF WEDLOCK	0	0.0	40.0	0		42.9	0	0.0	33.3
10. NEONATAL (UNDER 28 DAYS)	2	7.5	6.4	1	4.7	3.2	1	18.9	16.7
11. POSTNEONATAL (28 DAYS - 1 YEAR)	2	7.5	4.8	2	9.3	5.3	0	0.0	3.4
12. INFANT DEATHS (UNDER 1 YEAR)	4	14.9	11.2	3	14.0	8.4	1	18.9	20.1
DEATHS (EXCLUDING FETALS)									
13. TOTAL	219			194			25		
MALES	104			91			13		
FEMALES	115			103			12		
14. AGE									
00-04 YEARS	4			3			1		
05-14 YEARS	1			0			1		
15-24 YEARS	5			5			0		
25-34 YEARS	6			3			3		
35-44 YEARS	7			7			0		
45-54 YEARS	18			15			3		
55-64 YEARS	27			22			5		
65 AND OVER	151			139			12		
15. PLACE OF DEATH									
HOSPITAL	114	52.1	56.0	99	51.0	55.1	15	60.0	63.1
OTHER INSTITUTION	64	29.2	27.2	59	30.4	28.6	5	20.0	16.2
HOME OR NON-INSTITUTION	41	18.7	16.8	36	18.6	16.3	5	20.0	20.7
16. OCCURRENCE									
TOTAL	405	0.7	0.6	363	0.8	0.7	42	0.3	0.2
TO RESIDENTS	163	40.2	42.3	148	40.8	41.9	15	35.7	45.9

* SEE DEFINITIONS AND FORMULAS (SECTION VII)

SELECTED VITAL STATISTICS FOR 1989 AND 1985-1989

ASHEVILLE

	TOTAL			WHITE			NONWHITE		
ITEM	NUMBER 1989	RATE* 1989	RATE* 85-89	NUMBER 1989	RATE* 1989	RATE* 85-89	NUMBER 1989	RATE* 1989	RATE* 85-89
POPULATION									
				POPULATION NOT AVAILABLE FOR CITIES (SEE SECTION VI)					
2. NATURAL INCREASE	11			-99			110		
LIVE BIRTHS									
3. TOTAL	902			627			275		
MALES	476			344			132		
FEMALES	426			283			143		
4. ATTENDANT									
PHYSICIAN IN HOSPITAL	888	98.4	96.4	616	98.2	95.6	272	98.9	98.2
PHYSICIAN NOT IN HOSPITAL	4	0.4	0.6	3	0.5	0.7	1	0.4	0.4
CERTIFIED NURSE MIDWIFE	4	0.4	2.5	4	0.6	3.1	0	0.0	1.1
OTHER ATTENDANT	6	0.7	0.6	4	0.6	0.7	2	0.7	0.2
5. PREMATURE BIRTHS	68	7.5	7.7	34	5.4	6.0	34	12.4	11.7
6. OUT OF WEDLOCK	317	35.1	34.1	128	20.4	19.4	189	68.7	68.3
7. OCCURRENCE									
TOTAL	3136	3.1	3.1	2794	4.0	4.1	342	1.0	1.1
TO RESIDENTS	880	28.1	27.0	610	21.8	21.1	270	78.9	75.8
FETAL & INFANT MORTALITY									
8. PERINATAL DEATHS	17	18.6	20.3	10	15.8	17.4	7	25.0	27.2
9. FETAL DEATHS	11	12.0	12.0	6	9.5	11.3	5	17.9	13.6
ATTENDANT									
PHYSICIAN IN HOSPITAL	9	81.8	92.0	6	100.0	97.0	3	60.0	82.4
PHYSICIAN NOT IN HOSPITAL	1	9.1	6.0	0	0.0	3.0	1	20.0	11.8
CERTIFIED NURSE MIDWIFE	0	0.0	0.0	0	0.0	0.0	0	0.0	0.0
OTHER ATTENDANT	1	9.1	2.0	0	0.0	0.0	1	20.0	5.9
OUT OF WEDLOCK	4	36.4	50.0	0	0.0	36.4	4	80.0	76.5
10. NEONATAL (UNDER 28 DAYS)	6	6.7	8.5	4	6.4	6.2	2	7.3	13.8
11. POSTNEONATAL (28 DAYS - 1 YEAR)	3	3.3	3.2	2	3.2	3.5	1	3.7	2.5
12. INFANT DEATHS (UNDER 1 YEAR)	9	10.0	11.6	6	9.6	9.7	3	10.9	16.2
DEATHS (EXCLUDING FETALS)									
13. TOTAL	891			726			165		
MALES	419			344			75		
FEMALES	472			382			90		
14. AGE									
00-04 YEARS	10			6			4		
05-14 YEARS	4			3			1		
15-24 YEARS	6			1			5		
25-34 YEARS	19			12			7		
35-44 YEARS	22			16			6		
45-54 YEARS	34			27			7		
55-64 YEARS	108			78			30		
65 AND OVER	688			583			105		
15. PLACE OF DEATH									
HOSPITAL	415	46.6	50.5	327	45.0	49.0	88	53.3	56.9
OTHER INSTITUTION	241	27.0	26.7	203	28.0	28.1	38	23.0	20.2
HOME OR NON-INSTITUTION	235	26.4	22.9	196	27.0	22.9	39	23.6	22.8
16. OCCURRENCE									
TOTAL	1697	2.9	2.9	1532	3.5	3.5	165	1.2	1.3
TO RESIDENTS	755	44.5	44.3	618	40.3	40.1	137	83.0	80.1

* SEE DEFINITIONS AND FORMULAS (SECTION VII)

SELECTED VITAL STATISTICS FOR 1989 AND 1985-1989

BOONE

	TOTAL			WHITE			NONWHITE		
ITEM	NUMBER 1989	RATE* 1989	RATE* 85-89	NUMBER 1989	RATE* 1989	RATE* 85-89	NUMBER 1989	RATE* 1989	RATE* 85-89
POPULATION									
POPULATION NOT AVAILABLE FOR CITIES (SEE SECTION VI)									
2. NATURAL INCREASE	24			23			1		
LIVE BIRTHS									
3. TOTAL	67			63			4		
MALES	29			28			1		
FEMALES	38			35			3		
4. ATTENDANT									
PHYSICIAN IN HOSPITAL	66	98.5	97.1	62	98.4	96.9	4	100.0	100.0
PHYSICIAN NOT IN HOSPITAL	0	0.0	0.4	0	0.0	0.4	0	0.0	0.0
CERTIFIED NURSE MIDWIFE	0	0.0	2.2	0	0.0	2.3	0	0.0	0.0
OTHER ATTENDANT	1	1.5	0.4	1	1.6	0.4	0	0.0	0.0
5. PREMATURE BIRTHS	2	3.0	2.9	0	0.0	1.6	2	50.0	20.0
6. OUT OF WEDLOCK	16	23.9	17.4	13	20.6	15.6	3	75.0	40.0
7. OCCURRENCE									
TOTAL	842	0.8	0.8	831	1.2	1.1	11	0.0	0.0
TO RESIDENTS	61	7.2	7.1	58	7.0	6.7	3	27.3	40.0
FETAL & INFANT MORTALITY									
8. PERINATAL DEATHS	1	14.9	10.8	0	0.0	7.8	1	250.0	50.0
9. FETAL DEATHS	0	0.0	7.2	0	0.0	7.8	0	0.0	0.0
ATTENDANT									
PHYSICIAN IN HOSPITAL	0		100.0	0		100.0	0		
PHYSICIAN NOT IN HOSPITAL	0		0.0	0		0.0	0		
CERTIFIED NURSE MIDWIFE	0		0.0	0		0.0	0		
OTHER ATTENDANT	0		0.0	0		0.0	0		
OUT OF WEDLOCK	0		0.0	0		0.0	0		
10. NEONATAL (UNDER 28 DAYS)	1	14.9	3.6	0	0.0	0.0	1	250.0	50.0
11. POSTNEONATAL (28 DAYS - 1 YEAR)	0	0.0	0.0	0	0.0	0.0	0	0.0	0.0
12. INFANT DEATHS (UNDER 1 YEAR)	1	14.9	3.6	0	0.0	0.0	1	250.0	50.0
DEATHS (EXCLUDING FETALS)									
13. TOTAL	43			40			3		
MALES	23			23			0		
FEMALES	20			17			3		
14. AGE									
00-04 YEARS	1			0			1		
05-14 YEARS	0			0			0		
15-24 YEARS	0			0			0		
25-34 YEARS	1			1			0		
35-44 YEARS	1			1			0		
45-54 YEARS	1			1			0		
55-64 YEARS	2			2			0		
65 AND OVER	37			35			2		
15. PLACE OF DEATH									
HOSPITAL	29	67.4	66.0	26	65.0	64.3	3	100.0	100.0
OTHER INSTITUTION	6	14.0	17.0	6	15.0	17.9	0	0.0	0.0
HOME OR NON-INSTITUTION	8	18.6	17.0	8	20.0	17.9	0	0.0	0.0
16. OCCURRENCE									
TOTAL	203	0.4	0.3	199	0.5	0.4	4	0.0	0.0
TO RESIDENTS	33	16.3	20.5	30	15.1	19.9	3	75.0	45.5

* SEE DEFINITIONS AND FORMULAS (SECTION VII)

SELECTED VITAL STATISTICS FOR 1989 AND 1985-1989

BURLINGTON

ITEM	TOTAL NUMBER 1989	TOTAL RATE* 1989	TOTAL RATE* 85-89	WHITE NUMBER 1989	WHITE RATE* 1989	WHITE RATE* 85-89	NONWHITE NUMBER 1989	NONWHITE RATE* 1989	NONWHITE RATE* 85-89
POPULATION									
	POPULATION NOT AVAILABLE FOR CITIES (SEE SECTION VI)								
2. NATURAL INCREASE	161			-14			175		
LIVE BIRTHS									
3. TOTAL	638			372			266		
MALES	302			168			134		
FEMALES	336			204			132		
4. ATTENDANT									
PHYSICIAN IN HOSPITAL	637	99.8	99.6	371	99.7	99.5	266	100.0	99.8
PHYSICIAN NOT IN HOSPITAL	1	0.2	0.2	1	0.3	0.2	0	0.0	0.2
CERTIFIED NURSE MIDWIFE	0	0.0	0.2	0	0.0	0.3	0	0.0	0.0
OTHER ATTENDANT	0	0.0	0.0	0	0.0	0.0	0	0.0	0.0
5. PREMATURE BIRTHS	58	9.1	8.7	24	6.5	5.8	34	12.8	13.6
6. OUT OF WEDLOCK	224	35.1	31.2	54	14.5	12.3	170	63.9	62.1
7. OCCURRENCE									
TOTAL	1164	1.1	1.2	855	1.2	1.3	309	0.9	0.9
TO RESIDENTS	467	40.1	38.6	285	33.3	33.1	182	58.9	55.2
FETAL & INFANT MORTALITY									
8. PERINATAL DEATHS	10	15.5	17.2	8	21.1	15.0	2	7.5	20.7
9. FETAL DEATHS	8	12.4	11.0	7	18.5	9.4	1	3.7	13.5
ATTENDANT									
PHYSICIAN IN HOSPITAL	8	100.0	96.9	7	100.0	100.0	1	100.0	93.3
PHYSICIAN NOT IN HOSPITAL	0	0.0	3.1	0	0.0	0.0	0	0.0	6.7
CERTIFIED NURSE MIDWIFE	0	0.0	0.0	0	0.0	0.0	0	0.0	0.0
OTHER ATTENDANT	0	0.0	0.0	0	0.0	0.0	0	0.0	0.0
OUT OF WEDLOCK	2	25.0	50.0	2	28.6	23.5	0	0.0	80.0
10. NEONATAL (UNDER 28 DAYS)	2	3.1	6.2	1	2.7	5.6	1	3.8	7.3
11. POSTNEONATAL (28 DAYS - 1 YEAR)	2	3.1	4.9	0	0.0	5.6	2	7.5	3.7
12. INFANT DEATHS (UNDER 1 YEAR)	4	6.3	11.1	1	2.7	11.2	3	11.3	11.0
DEATHS (EXCLUDING FETALS)									
13. TOTAL	477			386			91		
MALES	244			193			51		
FEMALES	233			193			40		
14. AGE									
00-04 YEARS	7			2			5		
05-14 YEARS	0			0			0		
15-24 YEARS	4			4			0		
25-34 YEARS	9			2			7		
35-44 YEARS	7			6			1		
45-54 YEARS	22			12			10		
55-64 YEARS	60			38			22		
65 AND OVER	368			322			46		
15. PLACE OF DEATH									
HOSPITAL	284	59.5	60.5	224	58.0	59.5	60	65.9	64.4
OTHER INSTITUTION	96	20.1	14.6	85	22.0	15.3	11	12.1	11.7
HOME OR NON-INSTITUTION	97	20.3	24.9	77	19.9	25.2	20	22.0	23.9
16. OCCURRENCE									
TOTAL	690	1.2	1.1	567	1.3	1.2	123	0.9	0.8
TO RESIDENTS	356	51.6	51.3	293	51.7	51.4	63	51.2	50.8

* SEE DEFINITIONS AND FORMULAS (SECTION VII)

SELECTED VITAL STATISTICS FOR 1989 AND 1985-1989

CARY

ITEM	TOTAL			WHITE			NONWHITE		
	NUMBER 1989	RATE* 1989	RATE* 85-89	NUMBER 1989	RATE* 1989	RATE* 85-89	NUMBER 1989	RATE* 1989	RATE* 85-89
POPULATION									
	POPULATION NOT AVAILABLE FOR CITIES (SEE SECTION VI)								
2. NATURAL INCREASE	601			533			68		
LIVE BIRTHS									
3. TOTAL	733			651			82		
MALES	395			349			46		
FEMALES	338			302			36		
4. ATTENDANT									
PHYSICIAN IN HOSPITAL	704	96.0	96.2	624	95.9	96.0	80	97.6	98.3
PHYSICIAN NOT IN HOSPITAL	2	0.3	0.1	1	0.2	0.1	1	1.2	0.3
CERTIFIED NURSE MIDWIFE	27	3.7	3.6	26	4.0	3.9	1	1.2	1.3
OTHER ATTENDANT	0	0.0	0.0	0	0.0	0.0	0	0.0	0.0
5. PREMATURE BIRTHS	36	4.9	4.8	29	4.5	4.4	7	8.5	7.4
6. OUT OF WEDLOCK	49	6.7	5.7	30	4.6	4.2	19	23.2	18.9
7. OCCURRENCE									
TOTAL	0	0.0	0.0	0	0.0	0.0	0	0.0	0.0
TO RESIDENTS	0		100.0	0		100.0	0		
FETAL & INFANT MORTALITY									
8. PERINATAL DEATHS	9	12.2	15.5	6	9.2	13.4	3	36.1	33.2
9. FETAL DEATHS	5	6.8	8.1	4	6.1	7.5	1	12.0	13.3
ATTENDANT									
PHYSICIAN IN HOSPITAL	5	100.0	100.0	4	100.0	100.0	1	100.0	100.0
PHYSICIAN NOT IN HOSPITAL	0	0.0	0.0	0	0.0	0.0	0	0.0	0.0
CERTIFIED NURSE MIDWIFE	0	0.0	0.0	0	0.0	0.0	0	0.0	0.0
OTHER ATTENDANT	0	0.0	0.0	0	0.0	0.0	0	0.0	0.0
OUT OF WEDLOCK	0	0.0	21.7	0	0.0	21.1	0	0.0	25.0
10. NEONATAL (UNDER 28 DAYS)	4	5.5	7.4	2	3.1	5.9	2	24.4	20.2
11. POSTNEONATAL (28 DAYS - 1 YEAR)	3	4.1	2.1	2	3.1	1.6	1	12.5	6.9
12. INFANT DEATHS (UNDER 1 YEAR)	7	9.5	9.6	4	6.1	7.5	3	36.6	26.9
DEATHS (EXCLUDING FETALS)									
13. TOTAL	132			118			14		
MALES	76			68			8		
FEMALES	56			50			6		
14. AGE									
00-04 YEARS	7			4			3		
05-14 YEARS	1			1			0		
15-24 YEARS	2			1			1		
25-34 YEARS	10			7			3		
35-44 YEARS	5			4			1		
45-54 YEARS	13			13			0		
55-64 YEARS	21			20			1		
65 AND OVER	73			68			5		
15. PLACE OF DEATH									
HOSPITAL	89	67.4	69.2	78	66.1	68.6	11	78.6	77.5
OTHER INSTITUTION	20	15.2	15.6	19	16.1	15.8	1	7.1	12.5
HOME OR NON-INSTITUTION	23	17.4	15.2	21	17.8	15.6	2	14.3	10.0
16. OCCURRENCE									
TOTAL	34	0.1	0.0	31	0.1	0.1	3	0.0	0.0
TO RESIDENTS	27	79.4	83.2	25	80.6	83.0	2	66.7	85.7

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* SEE DEFINITIONS AND FORMULAS (SECTION VII)

SELECTED VITAL STATISTICS FOR 1989 AND 1985-1989

CHAPEL HILL

ITEM	TOTAL			WHITE			NONWHITE		
	NUMBER 1989	RATE* 1989	RATE* 85-89	NUMBER 1989	RATE* 1989	RATE* 85-89	NUMBER 1989	RATE* 1989	RATE* 85-89
POPULATION									
	POPULATION NOT AVAILABLE FOR CITIES (SEE SECTION VI)								
2. NATURAL INCREASE	184			86			98		
LIVE BIRTHS									
3. TOTAL	390			260			130		
MALES	205			137			68		
FEMALES	185			123			62		
4. ATTENDANT									
PHYSICIAN IN HOSPITAL	366	93.8	92.8	237	91.2	90.2	129	99.2	99.0
PHYSICIAN NOT IN HOSPITAL	3	0.8	0.2	3	1.2	0.3	0	0.0	0.0
CERTIFIED NURSE MIDWIFE	18	4.6	6.2	18	6.9	8.6	0	0.0	0.6
OTHER ATTENDANT	3	0.8	0.8	2	0.8	0.9	1	0.8	0.4
5. PREMATURE BIRTHS	25	6.4	6.4	13	5.0	4.8	12	9.2	10.4
6. OUT OF WEDLOCK	82	21.0	17.8	17	6.5	4.9	65	50.0	48.0
7. OCCURRENCE									
TOTAL	2135	2.1	2.1	1200	1.7	1.7	935	2.8	2.8
TO RESIDENTS	203	9.5	9.6	105	8.7	9.5	98	10.5	9.6
FETAL & INFANT MORTALITY									
8. PERINATAL DEATHS	9	22.8	20.2	8	30.2	15.7	1	7.7	30.6
9. FETAL DEATHS	5	12.7	13.9	5	18.9	10.8	0	0.0	21.0
ATTENDANT									
PHYSICIAN IN HOSPITAL	5	100.0	100.0	5	100.0	100.0	0		100.0
PHYSICIAN NOT IN HOSPITAL	0	0.0	0.0	0	0.0	0.0	0		0.0
CERTIFIED NURSE MIDWIFE	0	0.0	0.0	0	0.0	0.0	0		0.0
OTHER ATTENDANT	0	0.0	0.0	0	0.0	0.0	0		0.0
OUT OF WEDLOCK	2	40.0	37.5	2	40.0	30.8	0		45.5
10. NEONATAL (UNDER 28 DAYS)	4	10.3	6.4	3	11.5	5.0	1	7.7	9.8
11. POSTNEONATAL (28 DAYS - 1 YEAR)	1	2.6	2.9	1	3.9	2.5	0	0.0	3.9
12. INFANT DEATHS (UNDER 1 YEAR)	5	12.8	9.4	4	15.4	7.5	1	7.7	13.7
DEATHS (EXCLUDING FETALS)									
13. TOTAL	206			174			32		
MALES	100			82			18		
FEMALES	106			92			14		
14. AGE									
00-04 YEARS	5			4			1		
05-14 YEARS	0			0			0		
15-24 YEARS	4			4			0		
25-34 YEARS	6			4			2		
35-44 YEARS	9			5			4		
45-54 YEARS	8			7			1		
55-64 YEARS	20			14			6		
65 AND OVER	154			136			18		
15. PLACE OF DEATH									
HOSPITAL	96	46.6	48.7	74	42.5	45.0	22	68.8	65.3
OTHER INSTITUTION	48	23.3	26.7	45	25.9	29.8	3	9.4	13.2
HOME OR NON-INSTITUTION	62	30.1	24.6	55	31.6	25.3	7	21.9	21.6
16. OCCURRENCE									
TOTAL	870	1.5	1.5	569	1.3	1.3	301	2.1	2.3
TO RESIDENTS	176	20.2	17.7	147	25.8	22.7	29	9.6	9.2

* SEE DEFINITIONS AND FORMULAS (SECTION VII)

SELECTED VITAL STATISTICS FOR 1989 AND 1985-1989

CHARLOTTE

ITEM	TOTAL			WHITE			NONWHITE		
	NUMBER 1989	RATE* 1989	RATE* 85-89	NUMBER 1989	RATE* 1989	RATE* 85-89	NUMBER 1989	RATE* 1989	RATE* 85-89
POPULATION									
				POPULATION NOT AVAILABLE FOR CITIES (SEE SECTION VI)					
2. NATURAL INCREASE	3912			1865			2047		
LIVE BIRTHS									
3. TOTAL	6932			3854			3078		
MALES	3470			1938			1532		
FEMALES	3462			1916			1546		
4. ATTENDANT									
PHYSICIAN IN HOSPITAL	6838	98.6	99.1	3776	98.0	98.7	3062	99.5	99.6
PHYSICIAN NOT IN HOSPITAL	16	0.2	0.2	7	0.2	0.1	9	0.3	0.2
CERTIFIED NURSE MIDWIFE	67	1.0	0.6	62	1.6	1.0	5	0.2	0.1
OTHER ATTENDANT	11	0.2	0.2	9	0.2	0.2	2	0.1	0.1
5. PREMATURE BIRTHS	665	9.6	9.2	228	5.9	5.9	437	14.2	13.2
6. OUT OF WEDLOCK	2341	33.8	32.6	484	12.6	10.9	1857	60.3	59.6
7. OCCURRENCE									
TOTAL	10887	10.6	10.4	7392	10.7	10.5	3495	10.4	10.3
TO RESIDENTS	6563	60.3	59.5	3568	48.3	47.5	2995	85.7	85.6
FETAL & INFANT MORTALITY									
8. PERINATAL DEATHS	109	15.6	17.9	39	10.1	12.9	70	22.5	23.9
9. FETAL DEATHS	47	6.7	8.8	19	4.9	7.2	28	9.0	10.8
ATTENDANT									
PHYSICIAN IN HOSPITAL	47	100.0	96.7	19	100.0	99.2	28	100.0	94.6
PHYSICIAN NOT IN HOSPITAL	0	0.0	2.6	0	0.0	0.0	0	0.0	4.7
CERTIFIED NURSE MIDWIFE	0	0.0	0.4	0	0.0	0.8	0	0.0	0.0
OTHER ATTENDANT	0	0.0	0.4	0	0.0	0.0	0	0.0	0.7
OUT OF WEDLOCK	23	48.9	42.2	4	21.1	17.2	19	67.9	62.8
10. NEONATAL (UNDER 28 DAYS)	62	8.9	9.1	20	5.2	5.8	42	13.6	13.3
11. POSTNEONATAL (28 DAYS - 1 YEAR)	25	3.6	4.1	10	2.6	3.0	15	4.9	5.5
12. INFANT DEATHS (UNDER 1 YEAR)	87	12.6	13.2	30	7.8	8.8	57	18.5	18.7
DEATHS (EXCLUDING FETALS)									
13. TOTAL	3020			1989			1031		
MALES	1593			1009			584		
FEMALES	1427			980			447		
14. AGE									
00-04 YEARS	99			33			66		
05-14 YEARS	9			4			5		
15-24 YEARS	65			29			36		
25-34 YEARS	139			57			82		
35-44 YEARS	188			80			108		
45-54 YEARS	231			111			120		
55-64 YEARS	400			242			158		
65 AND OVER	1889			1433			456		
15. PLACE OF DEATH									
HOSPITAL	1709	56.6	56.2	1066	53.6	53.4	643	62.4	61.7
OTHER INSTITUTION	575	19.0	18.9	450	22.6	22.4	125	12.1	11.7
HOME OR NON-INSTITUTION	736	24.4	24.9	473	23.8	24.1	263	25.5	26.5
16. OCCURRENCE									
TOTAL	4121	7.1	7.1	2965	6.8	6.9	1156	8.1	7.8
TO RESIDENTS	2736	66.4	65.0	1795	60.5	59.5	941	81.4	80.0

* SEE DEFINITIONS AND FORMULAS (SECTION VII)

SELECTED VITAL STATISTICS FOR 1989 AND 1985-1989

CONCORD

ITEM	TOTAL NUMBER 1989	TOTAL RATE* 1989	TOTAL RATE* 85-89	WHITE NUMBER 1989	WHITE RATE* 1989	WHITE RATE* 85-89	NONWHITE NUMBER 1989	NONWHITE RATE* 1989	NONWHITE RATE* 85-89
POPULATION									
POPULATION NOT AVAILABLE FOR CITIES (SEE SECTION VI)									
2. NATURAL INCREASE	78			17			61		
LIVE BIRTHS									
3. TOTAL	431			303			128		
MALES	213			150			63		
FEMALES	218			153			65		
4. ATTENDANT									
PHYSICIAN IN HOSPITAL	430	99.8	99.8	302	99.7	99.8	128	100.0	99.8
PHYSICIAN NOT IN HOSPITAL	0	0.0	0.0	0	0.0	0.0	0	0.0	0.0
CERTIFIED NURSE MIDWIFE	1	0.2	0.2	1	0.3	0.2	0	0.0	0.2
OTHER ATTENDANT	0	0.0	0.0	0	0.0	0.0	0	0.0	0.0
5. PREMATURE BIRTHS	42	9.7	9.8	25	8.3	7.4	17	13.3	14.7
6. OUT OF WEDLOCK	134	31.1	32.6	32	10.6	12.3	102	79.7	73.3
7. OCCURRENCE									
TOTAL	1281	1.2	1.4	1013	1.5	1.6	268	0.8	0.9
TO RESIDENTS	297	23.2	21.1	189	18.7	16.1	108	40.3	40.2
FETAL & INFANT MORTALITY									
8. PERINATAL DEATHS	8	18.3	16.6	3	9.9	13.7	5	37.6	22.5
9. FETAL DEATHS	6	13.7	9.7	1	3.3	7.2	5	37.6	14.4
ATTENDANT									
PHYSICIAN IN HOSPITAL	6	100.0	100.0	1	100.0	100.0	5	100.0	100.0
PHYSICIAN NOT IN HOSPITAL	0	0.0	0.0	0	0.0	0.0	0	0.0	0.0
CERTIFIED NURSE MIDWIFE	0	0.0	0.0	0	0.0	0.0	0	0.0	0.0
OTHER ATTENDANT	0	0.0	0.0	0	0.0	0.0	0	0.0	0.0
OUT OF WEDLOCK	4	66.7	38.9	0	0.0	0.0	4	80.0	77.8
10. NEONATAL (UNDER 28 DAYS)	2	4.6	7.0	2	6.6	6.5	0	0.0	8.1
11. POSTNEONATAL (28 DAYS - 1 YEAR)	2	4.7	4.4	0	0.0	2.4	2	15.6	8.2
12. INFANT DEATHS (UNDER 1 YEAR)	4	9.3	11.4	2	6.6	8.9	2	15.6	16.3
DEATHS (EXCLUDING FETALS)									
13. TOTAL	353			286			67		
MALES	156			122			34		
FEMALES	197			164			33		
14. AGE									
00-04 YEARS	5			2			3		
05-14 YEARS	0			0			0		
15-24 YEARS	4			3			1		
25-34 YEARS	15			12			3		
35-44 YEARS	11			7			4		
45-54 YEARS	25			17			8		
55-64 YEARS	34			26			8		
65 AND OVER	259			219			40		
15. PLACE OF DEATH									
HOSPITAL	211	59.8	67.7	165	57.7	65.9	46	68.7	74.8
OTHER INSTITUTION	72	20.4	15.3	65	22.7	16.7	7	10.4	9.4
HOME OR NON-INSTITUTION	70	19.8	17.1	56	19.6	17.4	14	20.9	15.7
16. OCCURRENCE									
TOTAL	748	1.3	1.3	645	1.5	1.4	103	0.7	0.7
TO RESIDENTS	299	40.0	36.9	239	37.1	34.2	60	58.3	53.2

* SEE DEFINITIONS AND FORMULAS (SECTION VII)

SELECTED VITAL STATISTICS FOR 1989 AND 1985-1989

DURHAM

	TOTAL			WHITE			NONWHITE		
ITEM	NUMBER 1989	RATE* 1989	RATE* 85-89	NUMBER 1989	RATE* 1989	RATE* 85-89	NUMBER 1989	RATE* 1989	RATE* 85-89
POPULATION									
				POPULATION NOT AVAILABLE FOR CITIES (SEE SECTION VI)					
2. NATURAL INCREASE	1199			318			881		
LIVE BIRTHS									
3. TOTAL	2419			964			1455		
MALES	1231			507			724		
FEMALES	1188			457			731		
4. ATTENDANT									
PHYSICIAN IN HOSPITAL	2321	95.9	95.3	882	91.5	90.5	1439	98.9	98.9
PHYSICIAN NOT IN HOSPITAL	6	0.2	0.1	1	0.1	0.1	5	0.3	0.2
CERTIFIED NURSE MIDWIFE	91	3.8	4.4	80	8.3	9.2	11	0.8	0.9
OTHER ATTENDANT	1	0.0	0.1	1	0.1	0.3	0	0.0	0.0
5. PREMATURE BIRTHS	258	10.7	10.0	51	5.3	5.1	207	14.2	13.5
6. OUT OF WEDLOCK	973	40.2	36.9	82	8.5	8.7	891	61.2	58.0
7. OCCURRENCE									
TOTAL	5034	4.9	4.7	2720	3.9	3.9	2314	6.9	6.5
TO RESIDENTS	2303	45.7	43.8	892	32.8	32.5	1411	61.0	58.1
FETAL & INFANT MORTALITY									
8. PERINATAL DEATHS	54	22.1	20.3	14	14.4	13.9	40	27.2	25.0
9. FETAL DEATHS	26	10.6	10.2	9	9.2	7.5	17	11.5	12.3
ATTENDANT									
PHYSICIAN IN HOSPITAL	26	100.0	98.1	9	100.0	100.0	17	100.0	97.3
PHYSICIAN NOT IN HOSPITAL	0	0.0	0.0	0	0.0	0.0	0	0.0	0.0
CERTIFIED NURSE MIDWIFE	0	0.0	0.0	0	0.0	0.0	0	0.0	0.0
OTHER ATTENDANT	0	0.0	1.9	0	0.0	0.0	0	0.0	2.7
OUT OF WEDLOCK	9	34.6	41.5	0	0.0	12.1	9	52.9	54.8
10. NEONATAL (UNDER 28 DAYS)	28	11.6	10.1	5	5.2	6.4	23	15.8	12.9
11. POSTNEONATAL (28 DAYS - 1 YEAR)	8	3.3	3.3	2	2.1	1.6	6	4.2	4.5
12. INFANT DEATHS (UNDER 1 YEAR)	36	14.9	13.4	7	7.3	8.0	29	19.9	17.3
DEATHS (EXCLUDING FETALS)									
13. TOTAL	1220			646			574		
MALES	620			311			309		
FEMALES	600			335			265		
14. AGE									
00-04 YEARS	38			7			31		
05-14 YEARS	3			0			3		
15-24 YEARS	15			6			9		
25-34 YEARS	32			7			25		
35-44 YEARS	65			23			42		
45-54 YEARS	82			28			54		
55-64 YEARS	141			61			80		
65 AND OVER	844			514			330		
15. PLACE OF DEATH									
HOSPITAL	687	56.3	57.8	327	50.6	53.1	360	62.7	63.7
OTHER INSTITUTION	263	21.6	21.4	185	28.6	26.6	78	13.6	14.8
HOME OR NON-INSTITUTION	270	22.1	20.8	134	20.7	20.3	136	23.7	21.5
16. OCCURRENCE									
TOTAL	2791	4.8	4.8	1829	4.2	4.2	962	6.8	6.7
TO RESIDENTS	1132	40.6	40.4	592	32.4	33.9	540	56.1	53.0

* SEE DEFINITIONS AND FORMULAS (SECTION VII)

SELECTED VITAL STATISTICS FOR 1989 AND 1985-1989

EDEN

	TOTAL			WHITE			NONWHITE		
ITEM	NUMBER 1989	RATE* 1989	RATE* 85-89	NUMBER 1989	RATE* 1989	RATE* 85-89	NUMBER 1989	RATE* 1989	RATE* 85-89
POPULATION									
POPULATION NOT AVAILABLE FOR CITIES (SEE SECTION VI)									
2. NATURAL INCREASE	-30			-58			28		
LIVE BIRTHS									
3. TOTAL	200			140			60		
MALES	102			73			29		
FEMALES	98			67			31		
4. ATTENDANT									
PHYSICIAN IN HOSPITAL	199	99.5	99.3	140	100.0	99.5	59	98.3	99.0
PHYSICIAN NOT IN HOSPITAL	1	0.5	0.1	0	0.0	0.0	1	1.7	0.3
CERTIFIED NURSE MIDWIFE	0	0.0	0.0	0	0.0	0.0	0	0.0	0.0
OTHER ATTENDANT	0	0.0	0.6	0	0.0	0.5	0	0.0	0.7
5. PREMATURE BIRTHS	18	9.0	8.3	10	7.1	6.7	8	13.3	12.5
6. OUT OF WEDLOCK	65	32.5	28.7	26	18.6	15.1	39	65.0	64.1
7. OCCURRENCE									
TOTAL	659	0.6	0.5	458	0.7	0.6	201	0.6	0.5
TO RESIDENTS	165	25.0	29.7	114	24.9	29.4	51	25.4	30.4
FETAL & INFANT MORTALITY									
8. PERINATAL DEATHS	2	9.9	14.3	1	7.1	13.2	1	16.4	17.2
9. FETAL DEATHS	2	9.9	9.6	1	7.1	9.3	1	16.4	10.3
ATTENDANT									
PHYSICIAN IN HOSPITAL	2	100.0	90.0	1	100.0	85.7	1	100.0	100.0
PHYSICIAN NOT IN HOSPITAL	0	0.0	0.0	0	0.0	0.0	0	0.0	0.0
CERTIFIED NURSE MIDWIFE	0	0.0	0.0	0	0.0	0.0	0	0.0	0.0
OTHER ATTENDANT	0	0.0	10.0	0	0.0	14.3	0	0.0	0.0
OUT OF WEDLOCK	1	50.0	50.0	0	0.0	28.6	1	100.0	100.0
10. NEONATAL (UNDER 28 DAYS)	0	0.0	4.8	0	0.0	4.0	0	0.0	7.0
11. POSTNEONATAL (28 DAYS - 1 YEAR)	0	0.0	4.8	0	0.0	2.7	0	0.0	10.5
12. INFANT DEATHS (UNDER 1 YEAR)	0	0.0	9.7	0	0.0	6.7	0	0.0	17.4
DEATHS (EXCLUDING FETALS)									
13. TOTAL	230			198			32		
MALES	120			105			15		
FEMALES	110			93			17		
14. AGE									
00-04 YEARS	0			0			0		
05-14 YEARS	1			0			1		
15-24 YEARS	4			2			2		
25-34 YEARS	9			5			4		
35-44 YEARS	2			1			1		
45-54 YEARS	8			7			1		
55-64 YEARS	28			24			4		
65 AND OVER	178			159			19		
15. PLACE OF DEATH									
HOSPITAL	148	64.3	65.3	124	62.6	64.4	24	75.0	71.9
OTHER INSTITUTION	29	12.6	13.8	27	13.6	14.6	2	6.3	8.3
HOME OR NON-INSTITUTION	53	23.0	20.8	47	23.7	21.0	6	18.8	19.8
16. OCCURRENCE									
TOTAL	259	0.4	0.4	217	0.5	0.5	42	0.3	0.3
TO RESIDENTS	161	62.2	58.5	142	65.4	60.8	19	45.2	45.3

* SEE DEFINITIONS AND FORMULAS (SECTION VII)

SELECTED VITAL STATISTICS FOR 1989 AND 1985-1989

ELIZABETH CITY

ITEM	TOTAL			WHITE			NONWHITE		
	NUMBER 1989	RATE* 1989	RATE* 85-89	NUMBER 1989	RATE* 1989	RATE* 85-89	NUMBER 1989	RATE* 1989	RATE* 85-89
POPULATION									
POPULATION NOT AVAILABLE FOR CITIES (SEE SECTION VI)									
2. NATURAL INCREASE	99			0			99		
LIVE BIRTHS									
3. TOTAL	289			129			160		
MALES	150			68			82		
FEMALES	139			61			78		
4. ATTENDANT									
PHYSICIAN IN HOSPITAL	279	96.5	94.6	120	93.0	88.9	159	99.4	99.3
PHYSICIAN NOT IN HOSPITAL	0	0.0	0.0	0	0.0	0.0	0	0.0	0.0
CERTIFIED NURSE MIDWIFE	10	3.5	5.4	9	7.0	11.1	1	0.6	0.7
OTHER ATTENDANT	0	0.0	0.0	0	0.0	0.0	0	0.0	0.0
5. PREMATURE BIRTHS	32	11.1	11.2	10	7.8	9.2	22	13.7	12.9
6. OUT OF WEDLOCK	120	41.5	38.8	18	14.0	11.9	102	63.7	61.4
7. OCCURRENCE									
TOTAL	0	0.0	0.0	0	0.0	0.0	0	0.0	0.0
TO RESIDENTS	0			0			0		
FETAL & INFANT MORTALITY									
8. PERINATAL DEATHS	5	17.1	18.9	0	0.0	13.3	5	30.5	23.5
9. FETAL DEATHS	4	13.7	15.9	0	0.0	11.6	4	24.4	19.4
ATTENDANT									
PHYSICIAN IN HOSPITAL	4	100.0	90.5	0		85.7	4	100.0	92.9
PHYSICIAN NOT IN HOSPITAL	0	0.0	4.8	0		0.0	0	0.0	7.1
CERTIFIED NURSE MIDWIFE	0	0.0	4.8	0		14.3	0	0.0	0.0
OTHER ATTENDANT	0	0.0	0.0	0		0.0	0	0.0	0.0
OUT OF WEDLOCK	3	75.0	42.9	0		14.3	3	75.0	57.1
10. NEONATAL (UNDER 28 DAYS)	1	3.5	3.1	0	0.0	1.7	1	6.2	4.2
11. POSTNEONATAL (28 DAYS - 1 YEAR)	1	3.5	4.6	0	0.0	0.0	1	6.3	8.5
12. INFANT DEATHS (UNDER 1 YEAR)	2	6.9	7.7	0	0.0	1.7	2	12.5	12.7
DEATHS (EXCLUDING FETALS)									
13. TOTAL	190			129			61		
MALES	81			58			23		
FEMALES	109			71			38		
14. AGE									
00-04 YEARS	2			0			2		
05-14 YEARS	1			0			1		
15-24 YEARS	0			0			0		
25-34 YEARS	4			4			0		
35-44 YEARS	8			1			7		
45-54 YEARS	8			4			4		
55-64 YEARS	20			10			10		
65 AND OVER	147			110			37		
15. PLACE OF DEATH									
HOSPITAL	119	62.6	61.2	76	58.9	59.3	43	70.5	64.8
OTHER INSTITUTION	43	22.6	22.5	35	27.1	24.7	8	13.1	18.2
HOME OR NON-INSTITUTION	28	14.7	16.3	18	14.0	16.0	10	16.4	17.0
16. OCCURRENCE									
TOTAL	88	0.2	0.1	68	0.2	0.1	20	0.1	0.2
TO RESIDENTS	60	68.2	72.1	46	67.6	70.2	14	70.0	77.4

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* SEE DEFINITIONS AND FORMULAS (SECTION VII)

SELECTED VITAL STATISTICS FOR 1989 AND 1985-1989

FAYETTEVILLE

ITEM	TOTAL			WHITE			NONWHITE		
	NUMBER 1989	RATE* 1989	85-89	NUMBER 1989	RATE* 1989	85-89	NUMBER 1989	RATE* 1989	85-89
POPULATION									
POPULATION NOT AVAILABLE FOR CITIES (SEE SECTION VI)									
2. NATURAL INCREASE	1745			860			885		
LIVE BIRTHS									
3. TOTAL	2532			1324			1208		
MALES	1286			682			604		
FEMALES	1246			642			604		
4. ATTENDANT									
PHYSICIAN IN HOSPITAL	2514	99.3	99.5	1317	99.5	99.5	1197	99.1	99.5
PHYSICIAN NOT IN HOSPITAL	2	0.1	0.1	0	0.0	0.1	2	0.2	0.1
CERTIFIED NURSE MIDWIFE	8	0.3	0.2	7	0.5	0.3	1	0.1	0.0
OTHER ATTENDANT	8	0.3	0.2	0	0.0	0.1	8	0.7	0.4
5. PREMATURE BIRTHS	206	8.1	8.4	64	4.8	5.4	142	11.8	11.9
6. OUT OF WEDLOCK	712	28.1	25.3	141	10.6	8.7	571	47.3	44.2
7. OCCURRENCE									
TOTAL	4662	4.5	4.4	2537	3.7	3.8	2125	6.3	5.8
TO RESIDENTS	1669	35.8	31.8	812	32.0	27.2	857	40.3	38.2
FETAL & INFANT MORTALITY									
8. PERINATAL DEATHS	48	18.8	19.0	12	9.0	13.9	36	29.4	24.7
9. FETAL DEATHS	22	8.6	10.0	5	3.8	6.8	17	13.9	13.6
ATTENDANT									
PHYSICIAN IN HOSPITAL	22	100.0	97.1	5	100.0	100.0	17	100.0	95.5
PHYSICIAN NOT IN HOSPITAL	0	0.0	1.0	0	0.0	0.0	0	0.0	1.5
CERTIFIED NURSE MIDWIFE	0	0.0	0.0	0	0.0	0.0	0	0.0	0.0
OTHER ATTENDANT	0	0.0	1.9	0	0.0	0.0	0	0.0	3.0
OUT OF WEDLOCK	7	31.8	33.0	0	0.0	13.5	7	41.2	43.9
10. NEONATAL (UNDER 28 DAYS)	26	10.3	9.1	7	5.3	7.2	19	15.7	11.3
11. POSTNEONATAL (28 DAYS - 1 YEAR)	5	2.0	3.8	3	2.3	2.8	2	1.7	5.1
12. INFANT DEATHS (UNDER 1 YEAR)	31	12.2	12.9	10	7.6	9.9	21	17.4	16.3
DEATHS (EXCLUDING FETALS)									
13. TOTAL	787			464			323		
MALES	438			246			192		
FEMALES	349			218			131		
14. AGE									
00-04 YEARS	36			12			24		
05-14 YEARS	5			1			4		
15-24 YEARS	19			10			9		
25-34 YEARS	40			24			16		
35-44 YEARS	38			19			19		
45-54 YEARS	60			33			27		
55-64 YEARS	130			75			55		
65 AND OVER	459			290			169		
15. PLACE OF DEATH									
HOSPITAL	520	66.1	65.2	298	64.2	63.6	222	68.7	67.3
OTHER INSTITUTION	150	19.1	19.3	94	20.3	20.9	56	17.3	17.0
HOME OR NON-INSTITUTION	117	14.9	15.6	72	15.5	15.5	45	13.9	15.6
16. OCCURRENCE									
TOTAL	1500	2.6	2.6	882	2.0	2.0	618	4.3	4.4
TO RESIDENTS	616	41.1	39.5	346	39.2	37.2	270	43.7	42.9

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* SEE DEFINITIONS AND FORMULAS (SECTION VII)

SELECTED VITAL STATISTICS FOR 1989 AND 1985-1989

GARNER

ITEM	TOTAL NUMBER 1989	TOTAL RATE* 1989	TOTAL RATE* 85-89	WHITE NUMBER 1989	WHITE RATE* 1989	WHITE RATE* 85-89	NONWHITE NUMBER 1989	NONWHITE RATE* 1989	NONWHITE RATE* 85-89
POPULATION									
				POPULATION NOT AVAILABLE FOR CITIES (SEE SECTION VI)					
2. NATURAL INCREASE	103			71			32		
LIVE BIRTHS									
3. TOTAL	187			132			55		
MALES	102			70			32		
FEMALES	85			62			23		
4. ATTENDANT									
PHYSICIAN IN HOSPITAL	179	95.7	97.1	124	93.9	96.5	55	100.0	99.1
PHYSICIAN NOT IN HOSPITAL	0	0.0	0.1	0	0.0	0.0	0	0.0	0.5
CERTIFIED NURSE MIDWIFE	8	4.3	2.7	8	6.1	3.4	0	0.0	0.5
OTHER ATTENDANT	0	0.0	0.1	0	0.0	0.1	0	0.0	0.0
5. PREMATURE BIRTHS	17	9.1	8.1	10	7.6	7.0	7	12.7	11.6
6. OUT OF WEDLOCK	37	19.8	15.9	11	8.3	7.6	26	47.3	42.1
7. OCCURRENCE									
TOTAL	0	0.0	0.0	0	0.0	0.0	0	0.0	0.0
TO RESIDENTS	0		100.0	0			0		100.0
FETAL & INFANT MORTALITY									
8. PERINATAL DEATHS	1	5.3	16.6	0	0.0	10.2	1	18.2	36.4
9. FETAL DEATHS	0	0.0	6.6	0	0.0	2.9	0	0.0	18.2
ATTENDANT									
PHYSICIAN IN HOSPITAL	0		83.3	0		100.0	0		75.0
PHYSICIAN NOT IN HOSPITAL	0		16.7	0		0.0	0		25.0
CERTIFIED NURSE MIDWIFE	0		0.0	0		0.0	0		0.0
OTHER ATTENDANT	0		0.0	0		0.0	0		0.0
OUT OF WEDLOCK	0		66.7	0		50.0	0		75.0
10. NEONATAL (UNDER 28 DAYS)	1	5.3	10.0	0	0.0	7.3	1	18.2	18.5
11. POSTNEONATAL (28 DAYS - 1 YEAR)	0	0.0	3.4	0	0.0	2.9	0	0.0	4.7
12. INFANT DEATHS (UNDER 1 YEAR)	1	5.3	13.3	0	0.0	10.2	1	18.2	23.1
DEATHS (EXCLUDING FETALS)									
13. TOTAL	84			61			23		
MALES	48			33			15		
FEMALES	36			28			8		
14. AGE									
00-04 YEARS	1			0			1		
05-14 YEARS	0			0			0		
15-24 YEARS	1			1			0		
25-34 YEARS	2			1			1		
35-44 YEARS	4			3			1		
45-54 YEARS	5			4			1		
55-64 YEARS	12			8			4		
65 AND OVER	59			44			15		
15. PLACE OF DEATH									
HOSPITAL	55	65.5	69.8	35	57.4	66.2	20	87.0	82.1
OTHER INSTITUTION	9	10.7	11.6	8	13.1	13.5	1	4.3	5.1
HOME OR NON-INSTITUTION	20	23.8	18.6	18	29.5	20.3	2	8.7	12.8
16. OCCURRENCE									
TOTAL	22	0.0	0.0	20	0.0	0.0	2	0.0	0.0
TO RESIDENTS	20	90.9	88.0	18	90.0	86.4	2	100.0	100.0

* SEE DEFINITIONS AND FORMULAS (SECTION VII)

SELECTED VITAL STATISTICS FOR 1989 AND 1985-1989

GASTONIA

ITEM	TOTAL			WHITE			NONWHITE		
	NUMBER	RATE*		NUMBER	RATE*		NUMBER	RATE*	
	1989	1989	85-89	1989	1989	85-89	1989	1989	85-89
POPULATION									
				POPULATION NOT AVAILABLE FOR CITIES (SEE SECTION VI)					
2. NATURAL INCREASE	259			7			252		
LIVE BIRTHS									
3. TOTAL	979			579			400		
MALES	501			302			199		
FEMALES	478			277			201		
4. ATTENDANT									
PHYSICIAN IN HOSPITAL	966	98.7	98.7	570	98.4	98.9	396	99.0	98.5
PHYSICIAN NOT IN HOSPITAL	3	0.3	0.1	1	0.2	0.1	2	0.5	0.2
CERTIFIED NURSE MIDWIFE	7	0.7	0.9	6	1.0	0.9	1	0.2	0.8
OTHER ATTENDANT	3	0.3	0.3	2	0.3	0.1	1	0.2	0.5
5. PREMATURE BIRTHS	101	10.3	9.6	41	7.1	7.3	60	15.0	13.6
6. OUT OF WEDLOCK	416	42.5	38.1	120	20.7	20.1	296	74.0	68.5
7. OCCURRENCE									
TOTAL	2167	2.1	2.2	1651	2.4	2.5	516	1.5	1.4
TO RESIDENTS	770	35.5	34.2	435	26.3	26.4	335	64.9	64.0
FETAL & INFANT MORTALITY									
8. PERINATAL DEATHS	15	15.2	21.5	5	8.6	18.3	10	24.7	26.7
9. FETAL DEATHS	8	8.1	9.5	3	5.2	8.3	5	12.3	11.5
ATTENDANT									
PHYSICIAN IN HOSPITAL	7	87.5	90.5	2	66.7	95.7	5	100.0	84.2
PHYSICIAN NOT IN HOSPITAL	0	0.0	2.4	0	0.0	0.0	0	0.0	5.3
CERTIFIED NURSE MIDWIFE	0	0.0	0.0	0	0.0	0.0	0	0.0	0.0
OTHER ATTENDANT	1	12.5	7.1	1	33.3	4.3	0	0.0	10.5
OUT OF WEDLOCK	6	75.0	42.9	1	33.3	21.7	5	100.0	68.4
10. NEONATAL (UNDER 28 DAYS)	7	7.2	12.1	2	3.5	10.2	5	12.5	15.3
11. POSTNEONATAL (28 DAYS - 1 YEAR)	2	2.1	3.7	2	3.5	3.7	0	0.0	3.7
12. INFANT DEATHS (UNDER 1 YEAR)	9	9.2	15.7	4	6.9	13.8	5	12.5	19.0
DEATHS (EXCLUDING FETALS)									
13. TOTAL	720			572			148		
MALES	356			281			75		
FEMALES	364			291			73		
14. AGE									
00-04 YEARS	15			8			7		
05-14 YEARS	2			0			2		
15-24 YEARS	19			14			5		
25-34 YEARS	20			12			8		
35-44 YEARS	28			20			8		
45-54 YEARS	33			26			7		
55-64 YEARS	106			83			23		
65 AND OVER	497			409			88		
15. PLACE OF DEATH									
HOSPITAL	450	62.5	63.2	338	59.1	62.3	112	75.7	67.1
OTHER INSTITUTION	115	16.0	16.2	107	18.7	17.3	8	5.4	11.6
HOME OR NON-INSTITUTION	155	21.5	20.6	127	22.2	20.4	28	18.9	21.3
16. OCCURRENCE									
TOTAL	1084	1.9	1.8	912	2.1	2.0	172	1.2	1.1
TO RESIDENTS	599	55.3	55.2	480	52.6	52.9	119	69.2	68.4

* SEE DEFINITIONS AND FORMULAS (SECTION VII)

SELECTED VITAL STATISTICS FOR 1989 AND 1985-1989

GOLDSBORO

ITEM	TOTAL			WHITE			NONWHITE		
	NUMBER 1989	RATE* 1989	RATE* 85-89	NUMBER 1989	RATE* 1989	RATE* 85-89	NUMBER 1989	RATE* 1989	RATE* 85-89
POPULATION									
				POPULATION NOT AVAILABLE FOR CITIES (SEE SECTION VI)					
2. NATURAL INCREASE	347			152			195		
LIVE BIRTHS									
3. TOTAL	732			335			397		
MALES	379			174			205		
FEMALES	353			161			192		
4. ATTENDANT									
PHYSICIAN IN HOSPITAL	641	87.6	96.0	265	79.1	93.7	376	94.7	98.1
PHYSICIAN NOT IN HOSPITAL	2	0.3	0.2	0	0.0	0.1	2	0.5	0.3
CERTIFIED NURSE MIDWIFE	87	11.9	3.6	70	20.9	6.2	17	4.3	1.3
OTHER ATTENDANT	2	0.3	0.2	0	0.0	0.1	2	0.5	0.3
5. PREMATURE BIRTHS	54	7.4	7.5	13	3.9	4.2	41	10.3	10.4
6. OUT OF WEDLOCK	260	35.5	32.9	14	4.2	5.3	246	62.0	57.0
7. OCCURRENCE									
TOTAL	1739	1.7	1.8	1102	1.6	1.7	637	1.9	2.1
TO RESIDENTS	696	40.0	39.7	324	29.4	30.0	372	58.4	55.7
FETAL & INFANT MORTALITY									
8. PERINATAL DEATHS	10	13.5	17.2	2	6.0	15.0	8	19.9	19.2
9. FETAL DEATHS	7	9.5	9.4	1	3.0	7.2	6	14.9	11.4
ATTENDANT									
PHYSICIAN IN HOSPITAL	6	85.7	97.1	1	100.0	100.0	5	83.3	95.5
PHYSICIAN NOT IN HOSPITAL	0	0.0	0.0	0	0.0	0.0	0	0.0	0.0
CERTIFIED NURSE MIDWIFE	1	14.3	2.9	0	0.0	0.0	1	16.7	4.5
OTHER ATTENDANT	0	0.0	0.0	0	0.0	0.0	0	0.0	0.0
OUT OF WEDLOCK	5	71.4	47.1	1	100.0	25.0	4	66.7	59.1
10. NEONATAL (UNDER 28 DAYS)	3	4.1	7.8	1	3.0	7.8	2	5.0	7.9
11. POSTNEONATAL (28 DAYS - 1 YEAR)	3	4.1	3.7	2	6.0	2.4	1	2.5	4.8
12. INFANT DEATHS (UNDER 1 YEAR)	6	8.2	11.5	3	9.0	10.2	3	7.6	12.6
DEATHS (EXCLUDING FETALS)									
13. TOTAL	385			183			202		
MALES	204			98			106		
FEMALES	181			85			96		
14. AGE									
00-04 YEARS	8			3			5		
05-14 YEARS	2			0			2		
15-24 YEARS	6			2			4		
25-34 YEARS	11			1			10		
35-44 YEARS	27			4			23		
45-54 YEARS	24			6			18		
55-64 YEARS	53			27			26		
65 AND OVER	254			140			114		
15. PLACE OF DEATH									
HOSPITAL	240	62.3	62.2	104	56.8	62.4	136	67.3	61.9
OTHER INSTITUTION	71	18.4	15.9	39	21.3	18.6	32	15.8	13.3
HOME OR NON-INSTITUTION	74	19.2	21.9	40	21.9	19.0	34	16.8	24.7
16. OCCURRENCE									
TOTAL	657	1.1	1.1	403	0.9	0.9	254	1.8	1.8
TO RESIDENTS	291	44.3	45.7	132	32.8	35.3	159	62.6	62.7

* SEE DEFINITIONS AND FORMULAS (SECTION VII)

SELECTED VITAL STATISTICS FOR 1989 AND 1985-1989

GREENSBORO

ITEM	TOTAL			WHITE			NONWHITE		
	NUMBER 1989	RATE* 1989	RATE* 85-89	NUMBER 1989	RATE* 1989	RATE* 85-89	NUMBER 1989	RATE* 1989	RATE* 85-89
POPULATION									
POPULATION NOT AVAILABLE FOR CITIES (SEE SECTION VI)									
2. NATURAL INCREASE	1248			441			807		
LIVE BIRTHS									
3. TOTAL	2903			1556			1347		
MALES	1444			760			684		
FEMALES	1459			796			663		
4. ATTENDANT									
PHYSICIAN IN HOSPITAL	2839	97.8	98.6	1531	98.4	98.4	1308	97.1	98.8
PHYSICIAN NOT IN HOSPITAL	5	0.2	0.2	2	0.1	0.1	3	0.2	0.3
CERTIFIED NURSE MIDWIFE	44	1.5	1.0	19	1.2	1.3	25	1.9	0.5
OTHER ATTENDANT	15	0.5	0.3	4	0.3	0.2	11	0.8	0.4
5. PREMATURE BIRTHS	251	8.6	8.7	90	5.8	5.7	161	12.0	12.4
6. OUT OF WEDLOCK	967	33.3	30.5	187	12.0	9.8	780	57.9	56.4
7. OCCURRENCE									
TOTAL	4943	4.8	4.8	3411	4.9	4.9	1532	4.5	4.4
TO RESIDENTS	2809	56.8	55.4	1487	43.6	43.2	1322	86.3	84.9
FETAL & INFANT MORTALITY									
8. PERINATAL DEATHS	66	22.4	18.2	26	16.6	11.9	40	29.2	26.1
9. FETAL DEATHS	38	12.9	8.4	14	8.9	5.2	24	17.5	12.4
ATTENDANT									
PHYSICIAN IN HOSPITAL	36	94.7	96.4	13	92.9	92.1	23	95.8	98.6
PHYSICIAN NOT IN HOSPITAL	0	0.0	1.8	0	0.0	5.3	0	0.0	0.0
CERTIFIED NURSE MIDWIFE	2	5.3	1.8	1	7.1	2.6	1	4.2	1.4
OTHER ATTENDANT	0	0.0	0.0	0	0.0	0.0	0	0.0	0.0
OUT OF WEDLOCK	26	68.4	52.7	4	28.6	23.7	22	91.7	68.1
10. NEONATAL (UNDER 28 DAYS)	28	9.6	9.9	12	7.7	6.7	16	11.9	13.9
11. POSTNEONATAL (28 DAYS - 1 YEAR)	15	5.2	4.4	5	3.2	4.3	10	7.5	4.6
12. INFANT DEATHS (UNDER 1 YEAR)	43	14.8	14.3	17	10.9	11.0	26	19.3	18.5
DEATHS (EXCLUDING FETALS)									
13. TOTAL	1655			1115			540		
MALES	798			519			279		
FEMALES	857			596			261		
14. AGE									
00-04 YEARS	47			18			29		
05-14 YEARS	9			5			4		
15-24 YEARS	25			11			14		
25-34 YEARS	50			25			25		
35-44 YEARS	68			27			41		
45-54 YEARS	103			56			47		
55-64 YEARS	224			139			85		
65 AND OVER	1129			834			295		
15. PLACE OF DEATH									
HOSPITAL	1082	65.4	63.1	676	60.6	59.8	406	75.2	70.7
OTHER INSTITUTION	261	15.8	18.0	209	18.7	21.1	52	9.6	10.9
HOME OR NON-INSTITUTION	312	18.9	18.9	230	20.6	19.1	82	15.2	18.4
16. OCCURRENCE									
TOTAL	2177	3.8	3.8	1571	3.6	3.7	606	4.3	4.0
TO RESIDENTS	1502	69.0	67.5	1002	63.8	62.5	500	82.5	81.8

* SEE DEFINITIONS AND FORMULAS (SECTION VII)

SELECTED VITAL STATISTICS FOR 1989 AND 1985-1989

GREENVILLE

ITEM	TOTAL			WHITE			NONWHITE		
	NUMBER 1989	RATE* 1989	RATE* 85-89	NUMBER 1989	RATE* 1989	RATE* 85-89	NUMBER 1989	RATE* 1989	RATE* 85-89
POPULATION									
				POPULATION NOT AVAILABLE FOR CITIES (SEE SECTION VI)					
2. NATURAL INCREASE	335			117			218		
LIVE BIRTHS									
3. TOTAL	645			283			362		
MALES	341			151			190		
FEMALES	304			132			172		
4. ATTENDANT									
PHYSICIAN IN HOSPITAL	643	99.7	99.7	282	99.6	99.7	361	99.7	99.7
PHYSICIAN NOT IN HOSPITAL	0	0.0	0.0	0	0.0	0.0	0	0.0	0.1
CERTIFIED NURSE MIDWIFE	0	0.0	0.1	0	0.0	0.2	0	0.0	0.0
OTHER ATTENDANT	2	0.3	0.2	1	0.4	0.2	1	0.3	0.2
5. PREMATURE BIRTHS	66	10.2	10.9	12	4.2	5.8	54	14.9	15.4
6. OUT OF WEDLOCK	253	39.2	35.2	18	6.4	6.7	235	64.9	61.1
7. OCCURRENCE									
TOTAL	2699	2.6	2.7	1370	2.0	2.0	1329	3.9	4.2
TO RESIDENTS	633	23.5	20.4	277	20.2	19.2	356	26.8	21.7
FETAL & INFANT MORTALITY									
8. PERINATAL DEATHS	16	24.5	20.3	4	14.0	15.6	12	32.5	24.6
9. FETAL DEATHS	9	13.8	8.9	2	7.0	7.0	7	19.0	10.5
ATTENDANT									
PHYSICIAN IN HOSPITAL	9	100.0	100.0	2	100.0	100.0	7	100.0	100.0
PHYSICIAN NOT IN HOSPITAL	0	0.0	0.0	0	0.0	0.0	0	0.0	0.0
CERTIFIED NURSE MIDWIFE	0	0.0	0.0	0	0.0	0.0	0	0.0	0.0
OTHER ATTENDANT	0	0.0	0.0	0	0.0	0.0	0	0.0	0.0
OUT OF WEDLOCK	2	22.2	20.8	0	0.0	0.0	2	28.6	33.3
10. NEONATAL (UNDER 28 DAYS)	7	10.9	11.6	2	7.1	8.6	5	13.8	14.2
11. POSTNEONATAL (28 DAYS - 1 YEAR)	1	1.6	3.8	0	0.0	1.6	1	2.8	5.8
12. INFANT DEATHS (UNDER 1 YEAR)	8	12.4	15.3	2	7.1	10.2	6	16.6	19.9
DEATHS (EXCLUDING FETALS)									
13. TOTAL	310			166			144		
MALES	153			80			73		
FEMALES	157			86			71		
14. AGE									
00-04 YEARS	9			2			7		
05-14 YEARS	1			0			1		
15-24 YEARS	5			2			3		
25-34 YEARS	2			1			1		
35-44 YEARS	15			3			12		
45-54 YEARS	22			8			14		
55-64 YEARS	54			26			28		
65 AND OVER	202			124			78		
15. PLACE OF DEATH									
HOSPITAL	185	59.7	59.3	91	54.8	52.9	94	65.3	66.6
OTHER INSTITUTION	44	14.2	15.6	25	15.1	19.7	19	13.2	11.0
HOME OR NON-INSTITUTION	81	26.1	25.1	50	30.1	27.5	31	21.5	22.4
16. OCCURRENCE									
TOTAL	1054	1.8	1.9	574	1.3	1.4	480	3.4	3.5
TO RESIDENTS	291	27.6	25.2	156	27.2	23.3	135	28.1	27.5

* SEE DEFINITIONS AND FORMULAS (SECTION VII)

SELECTED VITAL STATISTICS FOR 1989 AND 1985-1989

HAVELOCK

	TOTAL			WHITE			NONWHITE		
ITEM	NUMBER 1989	RATE* 1989	RATE* 85-89	NUMBER 1989	RATE* 1989	RATE* 85-89	NUMBER 1989	RATE* 1989	RATE* 85-89
POPULATION									
				POPULATION NOT AVAILABLE FOR CITIES (SEE SECTION VI)					
2. NATURAL INCREASE	667			479			188		
LIVE BIRTHS									
3. TOTAL	705			512			193		
MALES	365			256			109		
FEMALES	340			256			84		
4. ATTENDANT									
PHYSICIAN IN HOSPITAL	649	92.1	93.5	469	91.6	93.2	180	93.3	94.6
PHYSICIAN NOT IN HOSPITAL	0	0.0	0.1	0	0.0	0.2	0	0.0	0.0
CERTIFIED NURSE MIDWIFE	55	7.8	6.3	43	8.4	6.5	12	6.2	5.3
OTHER ATTENDANT	1	0.1	0.1	0	0.0	0.1	1	0.5	0.1
5. PREMATURE BIRTHS	40	5.7	5.9	27	5.3	5.4	13	6.7	7.7
6. OUT OF WEDLOCK	51	7.2	5.9	23	4.5	3.9	28	14.5	12.3
7. OCCURRENCE									
TOTAL	1	0.0	0.0	0	0.0	0.0	1	0.0	0.0
TO RESIDENTS	1	100.0	100.0	0			1	100.0	100.0
FETAL & INFANT MORTALITY									
8. PERINATAL DEATHS	9	12.7	11.9	6	11.7	10.1	3	15.4	18.0
9. FETAL DEATHS	4	5.6	4.8	2	3.9	3.7	2	10.3	8.4
ATTENDANT									
PHYSICIAN IN HOSPITAL	4	100.0	100.0	2	100.0	100.0	2	100.0	100.0
PHYSICIAN NOT IN HOSPITAL	0	0.0	0.0	0	0.0	0.0	0	0.0	0.0
CERTIFIED NURSE MIDWIFE	0	0.0	0.0	0	0.0	0.0	0	0.0	0.0
OTHER ATTENDANT	0	0.0	0.0	0	0.0	0.0	0	0.0	0.0
OUT OF WEDLOCK	1	25.0	11.8	0	0.0	10.0	1	50.0	14.3
10. NEONATAL (UNDER 28 DAYS)	5	7.1	7.1	4	7.8	6.4	1	5.2	9.7
11. POSTNEONATAL (28 DAYS - 1 YEAR)	2	2.9	3.7	1	2.0	3.8	1	5.2	3.7
12. INFANT DEATHS (UNDER 1 YEAR)	7	9.9	10.9	5	9.8	10.1	2	10.4	13.3
DEATHS (EXCLUDING FETALS)									
13. TOTAL	38			33			5		
MALES	23			20			3		
FEMALES	15			13			2		
14. AGE									
00-04 YEARS	7			5			2		
05-14 YEARS	0			0			0		
15-24 YEARS	0			0			0		
25-34 YEARS	4			2			2		
35-44 YEARS	0			0			0		
45-54 YEARS	3			2			1		
55-64 YEARS	5			5			0		
65 AND OVER	19			19			0		
15. PLACE OF DEATH									
HOSPITAL	27	71.1	74.1	25	75.8	74.5	2	40.0	70.8
OTHER INSTITUTION	3	7.9	7.9	3	9.1	7.9	0	0.0	8.3
HOME OR NON-INSTITUTION	8	21.1	18.0	5	15.2	17.6	3	60.0	20.8
16. OCCURRENCE									
TOTAL	8	0.0	0.0	6	0.0	0.0	2	0.0	0.0
TO RESIDENTS	7	87.5	86.5	5	83.3	87.5	2	100.0	80.0

* SEE DEFINITIONS AND FORMULAS (SECTION VII)

SELECTED VITAL STATISTICS FOR 1989 AND 1985-1989

HENDERSON

ITEM	TOTAL			WHITE			NONWHITE		
	NUMBER 1989	RATE* 1989	RATE* 85-89	NUMBER 1989	RATE* 1989	RATE* 85-89	NUMBER 1989	RATE* 1989	RATE* 85-89
POPULATION									
				POPULATION NOT AVAILABLE FOR CITIES (SEE SECTION VI)					
2. NATURAL INCREASE	59			-29			88		
LIVE BIRTHS									
3. TOTAL	298			106			192		
MALES	150			53			97		
FEMALES	148			53			95		
4. ATTENDANT									
PHYSICIAN IN HOSPITAL	297	99.7	99.3	106	100.0	99.3	191	99.5	99.3
PHYSICIAN NOT IN HOSPITAL	1	0.3	0.4	0	0.0	0.2	1	0.5	0.5
CERTIFIED NURSE MIDWIFE	0	0.0	0.2	0	0.0	0.4	0	0.0	0.0
OTHER ATTENDANT	0	0.0	0.2	0	0.0	0.0	0	0.0	0.2
5. PREMATURE BIRTHS	31	10.4	11.1	9	8.5	9.4	22	11.5	12.0
6. OUT OF WEDLOCK	154	51.7	47.5	16	15.1	12.1	138	71.9	65.6
7. OCCURRENCE									
TOTAL	1	0.0	0.0	0	0.0	0.0	1	0.0	0.0
TO RESIDENTS	1	100.0	100.0	0			1	100.0	100.0
FETAL & INFANT MORTALITY									
8. PERINATAL DEATHS	6	19.8	26.7	3	27.5	24.0	3	15.5	28.1
9. FETAL DEATHS	5	16.5	17.8	3	27.5	21.8	2	10.3	15.7
ATTENDANT									
PHYSICIAN IN HOSPITAL	5	100.0	95.8	3	100.0	100.0	2	100.0	92.9
PHYSICIAN NOT IN HOSPITAL	0	0.0	4.2	0	0.0	0.0	0	0.0	7.1
CERTIFIED NURSE MIDWIFE	0	0.0	0.0	0	0.0	0.0	0	0.0	0.0
OTHER ATTENDANT	0	0.0	0.0	0	0.0	0.0	0	0.0	0.0
OUT OF WEDLOCK	2	40.0	29.2	2	66.7	30.0	0	0.0	28.6
10. NEONATAL (UNDER 28 DAYS)	1	3.4	9.1	0	0.0	2.2	1	5.2	12.5
11. POSTNEONATAL (28 DAYS - 1 YEAR)	3	10.1	5.3	0	0.0	0.0	3	15.7	8.1
12. INFANT DEATHS (UNDER 1 YEAR)	4	13.4	14.3	0	0.0	2.2	4	20.8	20.5
DEATHS (EXCLUDING FETALS)									
13. TOTAL	239			135			104		
MALES	117			52			65		
FEMALES	122			83			39		
14. AGE									
00-04 YEARS	4			0			4		
05-14 YEARS	1			0			1		
15-24 YEARS	3			1			2		
25-34 YEARS	9			4			5		
35-44 YEARS	10			1			9		
45-54 YEARS	16			5			11		
55-64 YEARS	36			17			19		
65 AND OVER	160			107			53		
15. PLACE OF DEATH									
HOSPITAL	136	56.9	57.2	65	48.1	50.2	71	68.3	66.6
OTHER INSTITUTION	47	19.7	19.8	38	28.1	27.7	9	8.7	9.4
HOME OR NON-INSTITUTION	56	23.4	22.9	32	23.7	22.1	24	23.1	24.0
16. OCCURRENCE									
TOTAL	99	0.2	0.2	69	0.2	0.1	30	0.2	0.2
TO RESIDENTS	77	77.8	83.8	51	73.9	79.8	26	86.7	91.7

* SEE DEFINITIONS AND FORMULAS (SECTION VII)

SELECTED VITAL STATISTICS FOR 1989 AND 1985-1989

HICKORY

	TOTAL			WHITE			NONWHITE		
ITEM	NUMBER 1989	RATE* 1989	RATE* 85-89	NUMBER 1989	RATE* 1989	RATE* 85-89	NUMBER 1989	RATE* 1989	RATE* 85-89
POPULATION									
				POPULATION NOT AVAILABLE FOR CITIES (SEE SECTION VI)					
2. NATURAL INCREASE	79			-4			83		
LIVE BIRTHS									
3. TOTAL	493			350			143		
MALES	239			181			58		
FEMALES	254			169			85		
4. ATTENDANT									
PHYSICIAN IN HOSPITAL	484	98.2	99.5	346	98.9	99.8	138	96.5	98.8
PHYSICIAN NOT IN HOSPITAL	0	0.0	0.0	0	0.0	0.0	0	0.0	0.0
CERTIFIED NURSE MIDWIFE	0	0.0	0.0	0	0.0	0.0	0	0.0	0.2
OTHER ATTENDANT	9	1.8	0.5	4	1.1	0.2	5	3.5	1.0
5. PREMATURE BIRTHS	37	7.5	9.1	22	6.3	7.6	15	10.5	13.3
6. OUT OF WEDLOCK	177	35.9	31.1	73	20.9	17.3	104	72.7	67.4
7. OCCURRENCE									
TOTAL	2270	2.2	2.2	1992	2.9	2.9	278	0.8	0.8
TO RESIDENTS	460	20.3	19.2	322	16.2	15.5	138	49.6	48.3
FETAL & INFANT MORTALITY									
8. PERINATAL DEATHS	14	27.9	22.3	11	30.8	23.4	3	20.8	19.5
9. FETAL DEATHS	8	16.0	13.4	7	19.6	14.8	1	6.9	9.8
ATTENDANT									
PHYSICIAN IN HOSPITAL	8	100.0	100.0	7	100.0	100.0	1	100.0	100.0
PHYSICIAN NOT IN HOSPITAL	0	0.0	0.0	0	0.0	0.0	0	0.0	0.0
CERTIFIED NURSE MIDWIFE	0	0.0	0.0	0	0.0	0.0	0	0.0	0.0
OTHER ATTENDANT	0	0.0	0.0	0	0.0	0.0	0	0.0	0.0
OUT OF WEDLOCK	3	37.5	40.0	3	42.9	29.2	0	0.0	83.3
10. NEONATAL (UNDER 28 DAYS)	6	12.2	9.0	4	11.4	8.7	2	14.0	9.9
1. POSTNEONATAL (28 DAYS - 1 YEAR)	5	10.3	7.8	3	8.7	8.2	2	14.2	6.6
2. INFANT DEATHS (UNDER 1 YEAR)	11	22.3	16.7	7	20.0	16.9	4	28.0	16.4
DEATHS (EXCLUDING FETALS)									
13. TOTAL	414			354			60		
MALES	207			177			30		
FEMALES	207			177			30		
14. AGE									
00-04 YEARS	11			7			4		
05-14 YEARS	1			0			1		
15-24 YEARS	9			5			4		
25-34 YEARS	9			3			6		
35-44 YEARS	16			11			5		
45-54 YEARS	29			20			9		
55-64 YEARS	61			51			10		
65 AND OVER	278			257			21		
15. PLACE OF DEATH									
HOSPITAL	252	60.9	59.0	215	60.7	58.5	37	61.7	62.6
OTHER INSTITUTION	88	21.3	23.9	75	21.2	24.5	13	21.7	19.8
HOME OR NON-INSTITUTION	74	17.9	17.1	64	18.1	17.0	10	16.7	17.6
16. OCCURRENCE									
TOTAL	955	1.7	1.5	860	2.0	1.8	95	0.7	0.6
TO RESIDENTS	346	36.2	34.6	297	34.5	33.1	49	51.6	49.2

* SEE DEFINITIONS AND FORMULAS (SECTION VII)

SELECTED VITAL STATISTICS FOR 1989 AND 1985-1989

HIGH POINT

ITEM	TOTAL			WHITE			NONWHITE		
	NUMBER	RATE*		NUMBER	RATE*		NUMBER	RATE*	
	1989	1989	85-89	1989	1989	85-89	1989	1989	85-89
POPULATION									
				POPULATION NOT AVAILABLE FOR CITIES (SEE SECTION VI)					
2. NATURAL INCREASE	478			89			389		
LIVE BIRTHS									
3. TOTAL	1195			648			547		
MALES	612			330			282		
FEMALES	583			318			265		
4. ATTENDANT									
PHYSICIAN IN HOSPITAL	1158	96.9	96.8	620	95.7	95.7	538	98.4	98.2
PHYSICIAN NOT IN HOSPITAL	1	0.1	0.2	1	0.2	0.2	0	0.0	0.1
CERTIFIED NURSE MIDWIFE	35	2.9	2.9	26	4.0	4.0	9	1.6	1.6
OTHER ATTENDANT	1	0.1	0.1	1	0.2	0.1	0	0.0	0.0
5. PREMATURE BIRTHS	91	7.6	9.2	31	4.8	6.3	60	11.0	12.9
6. OUT OF WEDLOCK	486	40.7	37.2	106	16.4	14.1	380	69.5	65.9
7. OCCURRENCE									
TOTAL	2028	2.0	1.9	1458	2.1	2.1	570	1.7	1.6
TO RESIDENTS	1020	50.3	49.1	519	35.6	34.7	501	87.9	88.4
FETAL & INFANT MORTALITY									
8. PERINATAL DEATHS	25	20.6	19.6	9	13.7	17.6	16	28.8	22.2
9. FETAL DEATHS	16	13.2	10.3	7	10.7	10.3	9	16.2	10.2
ATTENDANT									
PHYSICIAN IN HOSPITAL	16	100.0	96.3	7	100.0	100.0	9	100.0	91.7
PHYSICIAN NOT IN HOSPITAL	0	0.0	0.0	0	0.0	0.0	0	0.0	0.0
CERTIFIED NURSE MIDWIFE	0	0.0	1.9	0	0.0	0.0	0	0.0	4.2
OTHER ATTENDANT	0	0.0	1.9	0	0.0	0.0	0	0.0	4.2
OUT OF WEDLOCK	11	68.8	42.6	3	42.9	30.0	8	88.9	58.3
10. NEONATAL (UNDER 28 DAYS)	9	7.5	9.4	2	3.1	7.3	7	12.8	12.1
11. POSTNEONATAL (28 DAYS - 1 YEAR)	2	1.7	4.7	1	1.5	3.9	1	1.9	5.7
12. INFANT DEATHS (UNDER 1 YEAR)	11	9.2	14.1	3	4.6	11.1	8	14.6	17.7
DEATHS (EXCLUDING FETALS)									
13. TOTAL	717			559			158		
MALES	351			264			87		
FEMALES	366			295			71		
14. AGE									
00-04 YEARS	15			4			11		
05-14 YEARS	0			0			0		
15-24 YEARS	9			3			6		
25-34 YEARS	19			6			13		
35-44 YEARS	21			11			10		
45-54 YEARS	38			25			13		
55-64 YEARS	115			93			22		
65 AND OVER	500			417			83		
15. PLACE OF DEATH									
HOSPITAL	430	60.0	57.4	320	57.2	55.6	110	69.6	64.1
OTHER INSTITUTION	165	23.0	23.6	141	25.2	26.2	24	15.2	14.3
HOME OR NON-INSTITUTION	122	17.0	18.9	98	17.5	18.2	24	15.2	21.6
16. OCCURRENCE									
TOTAL	848	1.5	1.6	696	1.6	1.8	152	1.1	1.2
TO RESIDENTS	587	69.2	69.6	461	66.2	66.6	126	82.9	83.6

* SEE DEFINITIONS AND FORMULAS (SECTION VII)

SELECTED VITAL STATISTICS FOR 1989 AND 1985-1989

JACKSONVILLE

ITEM	TOTAL			WHITE			NONWHITE		
	NUMBER 1989	RATE* 1989	RATE* 85-89	NUMBER 1989	RATE* 1989	RATE* 85-89	NUMBER 1989	RATE* 1989	RATE* 85-89
POPULATION									
	POPULATION NOT AVAILABLE FOR CITIES (SEE SECTION VI)								
2. NATURAL INCREASE	1068			727			341		
LIVE BIRTHS									
3. TOTAL	1272			871			401		
MALES	637			454			183		
FEMALES	635			417			218		
4. ATTENDANT									
PHYSICIAN IN HOSPITAL	1264	99.4	99.6	863	99.1	99.5	401	100.0	99.8
PHYSICIAN NOT IN HOSPITAL	4	0.3	0.1	4	0.5	0.2	0	0.0	0.1
CERTIFIED NURSE MIDWIFE	3	0.2	0.2	3	0.3	0.2	0	0.0	0.1
OTHER ATTENDANT	1	0.1	0.1	1	0.1	0.1	0	0.0	0.0
5. PREMATURE BIRTHS	76	6.0	6.9	39	4.5	5.3	37	9.2	10.1
6. OUT OF WEDLOCK	180	14.2	12.7	68	7.8	7.0	112	27.9	24.2
7. OCCURRENCE									
TOTAL	2268	2.2	2.4	1664	2.4	2.6	604	1.8	1.9
TO RESIDENTS	806	35.5	32.1	538	32.3	28.1	268	44.4	43.8
FETAL & INFANT MORTALITY									
8. PERINATAL DEATHS	21	16.4	14.6	8	9.1	11.3	13	32.3	21.1
9. FETAL DEATHS	6	4.7	5.3	4	4.6	5.3	2	5.0	5.3
ATTENDANT									
PHYSICIAN IN HOSPITAL	6	100.0	100.0	4	100.0	100.0	2	100.0	100.0
PHYSICIAN NOT IN HOSPITAL	0	0.0	0.0	0	0.0	0.0	0	0.0	0.0
CERTIFIED NURSE MIDWIFE	0	0.0	0.0	0	0.0	0.0	0	0.0	0.0
OTHER ATTENDANT	0	0.0	0.0	0	0.0	0.0	0	0.0	0.0
OUT OF WEDLOCK	3	50.0	16.7	2	50.0	15.0	1	50.0	20.0
10. NEONATAL (UNDER 28 DAYS)	15	11.8	9.3	4	4.6	6.1	11	27.4	15.9
11. POSTNEONATAL (28 DAYS - 1 YEAR)	1	0.8	3.4	1	1.2	2.7	0	0.0	4.8
12. INFANT DEATHS (UNDER 1 YEAR)	16	12.6	12.7	5	5.7	8.7	11	27.4	20.7
DEATHS (EXCLUDING FETALS)									
13. TOTAL	204			144			60		
MALES	96			66			30		
FEMALES	108			78			30		
14. AGE									
00-04 YEARS	17			5			12		
05-14 YEARS	1			0			1		
15-24 YEARS	2			2			0		
25-34 YEARS	5			3			2		
35-44 YEARS	2			1			1		
45-54 YEARS	14			7			7		
55-64 YEARS	28			22			6		
65 AND OVER	135			104			31		
15. PLACE OF DEATH									
HOSPITAL	145	71.1	67.2	96	66.7	66.3	49	81.7	69.7
OTHER INSTITUTION	41	20.1	20.2	33	22.9	20.2	8	13.3	20.3
HOME OR NON-INSTITUTION	18	8.8	12.5	15	10.4	13.5	3	5.0	10.0
16. OCCURRENCE									
TOTAL	351	0.6	0.6	260	0.6	0.6	91	0.6	0.7
TO RESIDENTS	143	40.7	38.3	105	40.4	38.5	38	41.8	37.8

* SEE DEFINITIONS AND FORMULAS (SECTION VII)

SELECTED VITAL STATISTICS FOR 1989 AND 1985-1989

KINSTON

ITEM	TOTAL NUMBER 1989	TOTAL RATE* 1989	TOTAL RATE* 85-89	WHITE NUMBER 1989	WHITE RATE* 1989	WHITE RATE* 85-89	NONWHITE NUMBER 1989	NONWHITE RATE* 1989	NONWHITE RATE* 85-89
POPULATION									
				POPULATION NOT AVAILABLE FOR CITIES (SEE SECTION VI)					
2. NATURAL INCREASE	35			-81			116		
LIVE BIRTHS									
3. TOTAL	386			112			274		
MALES	208			57			151		
FEMALES	178			55			123		
4. ATTENDANT									
PHYSICIAN IN HOSPITAL	382	99.0	99.6	111	99.1	99.6	271	98.9	99.5
PHYSICIAN NOT IN HOSPITAL	0	0.0	0.2	0	0.0	0.0	0	0.0	0.2
CERTIFIED NURSE MIDWIFE	2	0.5	0.2	1	0.9	0.4	1	0.4	0.1
OTHER ATTENDANT	2	0.5	0.1	0	0.0	0.0	2	0.7	0.2
5. PREMATURE BIRTHS	38	9.8	11.5	6	5.4	7.2	32	11.7	13.2
6. OUT OF WEDLOCK	187	48.4	46.9	11	9.8	12.1	176	64.2	61.1
7. OCCURRENCE									
TOTAL	842	0.8	0.9	468	0.7	0.7	374	1.1	1.2
TO RESIDENTS	335	39.8	38.3	92	19.7	19.3	243	65.0	62.2
FETAL & INFANT MORTALITY									
8. PERINATAL DEATHS	7	18.0	17.4	0	0.0	7.5	7	25.3	21.4
9. FETAL DEATHS	3	7.7	8.2	0	0.0	3.8	3	10.8	9.9
ATTENDANT									
PHYSICIAN IN HOSPITAL	3	100.0	100.0	0		100.0	3	100.0	100.0
PHYSICIAN NOT IN HOSPITAL	0	0.0	0.0	0		0.0	0	0.0	0.0
CERTIFIED NURSE MIDWIFE	0	0.0	0.0	0		0.0	0	0.0	0.0
OTHER ATTENDANT	0	0.0	0.0	0		0.0	0	0.0	0.0
OUT OF WEDLOCK	3	100.0	73.3	0		0.0	3	100.0	84.6
10. NEONATAL (UNDER 28 DAYS)	4	10.4	9.3	0	0.0	3.8	4	14.6	11.6
11. POSTNEONATAL (28 DAYS - 1 YEAR)	3	7.9	7.7	1	8.9	7.6	2	7.4	7.8
12. INFANT DEATHS (UNDER 1 YEAR)	7	18.1	17.0	1	8.9	11.4	6	21.9	19.3
DEATHS (EXCLUDING FETALS)									
13. TOTAL	351			193			158		
MALES	175			95			80		
FEMALES	176			98			78		
14. AGE									
00-04 YEARS	8			1			7		
05-14 YEARS	3			1			2		
15-24 YEARS	5			0			5		
25-34 YEARS	14			5			9		
35-44 YEARS	17			9			8		
45-54 YEARS	20			10			10		
55-64 YEARS	46			21			25		
65 AND OVER	238			146			92		
15. PLACE OF DEATH									
HOSPITAL	237	67.5	63.4	140	72.5	64.5	97	61.4	62.1
OTHER INSTITUTION	31	8.8	15.0	14	7.3	16.0	17	10.8	13.9
HOME OR NON-INSTITUTION	83	23.6	21.6	39	20.2	19.6	44	27.8	23.9
16. OCCURRENCE									
TOTAL	559	1.0	1.0	347	0.8	0.8	212	1.5	1.6
TO RESIDENTS	297	53.1	53.8	162	46.7	48.0	135	63.7	62.3

* SEE DEFINITIONS AND FORMULAS (SECTION VII)

SELECTED VITAL STATISTICS FOR 1989 AND 1985-1989

LAURINBURG

ITEM	TOTAL			WHITE			NONWHITE		
	NUMBER 1989	RATE* 1989	RATE* 85-89	NUMBER 1989	RATE* 1989	RATE* 85-89	NUMBER 1989	RATE* 1989	RATE* 85-89
POPULATION									
				POPULATION NOT AVAILABLE FOR CITIES (SEE SECTION VI)					
2. NATURAL INCREASE	67			-22					
LIVE BIRTHS									
3. TOTAL	246			77			169		
MALES	135			37			98		
FEMALES	111			40			71		
4. ATTENDANT									
PHYSICIAN IN HOSPITAL	244	99.2	99.8	77	100.0	100.0	167	98.8	99.7
PHYSICIAN NOT IN HOSPITAL	2	0.8	0.2	0	0.0	0.0	2	1.2	0.3
CERTIFIED NURSE MIDWIFE	0	0.0	0.0	0	0.0	0.0	0	0.0	0.0
OTHER ATTENDANT	0	0.0	0.0	0	0.0	0.0	0	0.0	0.0
5. PREMATURE BIRTHS	32	13.0	10.9	7	9.1	8.2	25	14.8	12.2
6. OUT OF WEDLOCK	136	55.3	54.1	22	28.6	23.5	114	67.5	68.4
7. OCCURRENCE									
TOTAL	941	0.9	0.9	286	0.4	0.5	655	1.9	1.9
TO RESIDENTS	224	23.8	21.8	67	23.4	19.3	157	24.0	23.1
FETAL & INFANT MORTALITY									
8. PERINATAL DEATHS	6	24.1	24.8	2	25.6	8.7	4	23.4	32.2
9. FETAL DEATHS	3	12.0	16.5	1	12.8	5.8	2	11.7	21.5
ATTENDANT									
PHYSICIAN IN HOSPITAL	2	66.7	94.4	1	100.0	100.0	1	50.0	93.8
PHYSICIAN NOT IN HOSPITAL	1	33.3	5.6	0	0.0	0.0	1	50.0	6.3
CERTIFIED NURSE MIDWIFE	0	0.0	0.0	0	0.0	0.0	0	0.0	0.0
OTHER ATTENDANT	0	0.0	0.0	0	0.0	0.0	0	0.0	0.0
OUT OF WEDLOCK	3	100.0	72.2	1	100.0	50.0	2	100.0	75.0
10. NEONATAL (UNDER 28 DAYS)	3	12.2	8.4	1	13.0	2.9	2	11.8	11.0
11. POSTNEONATAL (28 DAYS - 1 YEAR)	2	8.2	5.7	0	0.0	2.9	2	12.0	6.9
12. INFANT DEATHS (UNDER 1 YEAR)	5	20.3	14.0	1	13.0	5.9	4	23.7	17.8
DEATHS (EXCLUDING FETALS)									
13. TOTAL	179			99			80		
MALES	91			52			39		
FEMALES	88			47			41		
14. AGE									
00-04 YEARS	6			1			5		
05-14 YEARS	2			1			1		
15-24 YEARS	1			0			1		
25-34 YEARS	2			1			1		
35-44 YEARS	8			1			7		
45-54 YEARS	12			7			5		
55-64 YEARS	27			15			12		
65 AND OVER	121			73			48		
15. PLACE OF DEATH									
HOSPITAL	106	59.2	63.4	60	60.6	62.0	46	57.5	65.0
OTHER INSTITUTION	32	17.9	15.8	19	19.2	17.2	13	16.2	14.4
HOME OR NON-INSTITUTION	41	22.9	20.7	20	20.2	20.8	21	26.2	20.6
16. OCCURRENCE									
TOTAL	274	0.5	0.5	158	0.4	0.3	116	0.8	0.9
TO RESIDENTS	135	49.3	44.5	75	47.5	44.3	60	51.7	44.9

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* SEE DEFINITIONS AND FORMULAS (SECTION VII)

SELECTED VITAL STATISTICS FOR 1989 AND 1985-1989

LENOIR

	TOTAL			WHITE			NONWHITE		
ITEM	NUMBER 1989	RATE* 1989	RATE* 85-89	NUMBER 1989	RATE* 1989	RATE* 85-89	NUMBER 1989	RATE* 1989	RATE* 85-89
POPULATION									
				POPULATION NOT AVAILABLE FOR CITIES (SEE SECTION VI)					
2. NATURAL INCREASE	37			4			33		
LIVE BIRTHS									
3. TOTAL	221			169			52		
MALES	111			84			27		
FEMALES	110			85			25		
4. ATTENDANT									
PHYSICIAN IN HOSPITAL	219	99.1	99.7	167	98.8	99.8	52	100.0	99.2
PHYSICIAN NOT IN HOSPITAL	0	0.0	0.1	0	0.0	0.0	0	0.0	0.4
CERTIFIED NURSE MIDWIFE	0	0.0	0.1	0	0.0	0.0	0	0.0	0.4
OTHER ATTENDANT	2	0.9	0.2	2	1.2	0.2	0	0.0	0.0
5. PREMATURE BIRTHS	24	10.9	10.2	16	9.5	9.1	8	15.4	14.2
6. OUT OF WEDLOCK	86	38.9	34.7	44	26.0	24.4	42	80.8	70.8
7. OCCURRENCE									
TOTAL	417	0.4	0.5	353	0.5	0.6	64	0.2	0.2
TO RESIDENTS	133	31.9	32.8	87	24.6	27.0	46	71.9	70.7
FETAL & INFANT MORTALITY									
8. PERINATAL DEATHS	11	49.3	21.3	6	35.3	17.5	5	94.3	34.2
9. FETAL DEATHS	2	9.0	8.5	1	5.9	7.7	1	18.9	11.4
ATTENDANT									
PHYSICIAN IN HOSPITAL	2	100.0	100.0	1	100.0	100.0	1	100.0	100.0
PHYSICIAN NOT IN HOSPITAL	0	0.0	0.0	0	0.0	0.0	0	0.0	0.0
CERTIFIED NURSE MIDWIFE	0	0.0	0.0	0	0.0	0.0	0	0.0	0.0
OTHER ATTENDANT	0	0.0	0.0	0	0.0	0.0	0	0.0	0.0
OUT OF WEDLOCK	1	50.0	50.0	0	0.0	28.6	1	100.0	100.0
10. NEONATAL (UNDER 28 DAYS)	9	40.7	12.9	5	29.6	9.9	4	76.9	23.1
11. POSTNEONATAL (28 DAYS - 1 YEAR)	1	4.7	5.2	1	6.1	2.2	0	0.0	15.7
12. INFANT DEATHS (UNDER 1 YEAR)	10	45.2	18.0	6	35.5	12.1	4	76.9	38.5
DEATHS (EXCLUDING FETALS)									
13. TOTAL	184			165			19		
MALES	86			75			11		
FEMALES	98			90			8		
14. AGE									
00-04 YEARS	10			6			4		
05-14 YEARS	0			0			0		
15-24 YEARS	3			3			0		
25-34 YEARS	1			1			0		
35-44 YEARS	9			9			0		
45-54 YEARS	8			7			1		
55-64 YEARS	30			25			5		
65 AND OVER	123			114			9		
15. PLACE OF DEATH									
HOSPITAL	106	57.6	62.2	91	55.2	60.8	15	78.9	72.2
OTHER INSTITUTION	40	21.7	16.7	37	22.4	17.5	3	15.8	11.1
HOME OR NON-INSTITUTION	38	20.7	21.1	37	22.4	21.7	1	5.3	16.7
16. OCCURRENCE									
TOTAL	305	0.5	0.5	278	0.6	0.6	27	0.2	0.2
TO RESIDENTS	137	44.9	45.9	122	43.9	44.5	15	55.6	60.8

* SEE DEFINITIONS AND FORMULAS (SECTION VII)

SELECTED VITAL STATISTICS FOR 1989 AND 1985-1989

LEXINGTON

	TOTAL			WHITE			NONWHITE		
ITEM	NUMBER 1989	RATE* 1989	RATE* 85-89	NUMBER 1989	RATE* 1989	RATE* 85-89	NUMBER 1989	RATE* 1989	RATE* 85-89
POPULATION									
				POPULATION NOT AVAILABLE FOR CITIES (SEE SECTION VI)					
2. NATURAL INCREASE	72			21			51		
LIVE BIRTHS									
3. TOTAL	254			157			97		
MALES	129			72			57		
FEMALES	125			85			40		
4. ATTENDANT									
PHYSICIAN IN HOSPITAL	249	98.0	98.2	154	98.1	98.9	95	97.9	97.2
PHYSICIAN NOT IN HOSPITAL	0	0.0	0.1	0	0.0	0.0	0	0.0	0.2
CERTIFIED NURSE MIDWIFE	2	0.8	0.2	2	1.3	0.3	0	0.0	0.2
OTHER ATTENDANT	3	1.2	1.4	1	0.6	0.8	2	2.1	2.4
5. PREMATURE BIRTHS	39	15.4	11.4	17	10.8	9.2	22	22.7	14.6
6. OUT OF WEDLOCK	103	40.6	41.5	37	23.6	22.1	66	68.0	70.3
7. OCCURRENCE									
TOTAL	567	0.6	0.6	460	0.7	0.7	107	0.3	0.4
TO RESIDENTS	176	31.0	32.2	106	23.0	23.0	70	65.4	64.4
FETAL & INFANT MORTALITY									
8. PERINATAL DEATHS	8	31.1	23.1	4	25.3	13.4	4	40.4	37.3
9. FETAL DEATHS	3	11.7	8.7	1	6.3	4.0	2	20.2	15.7
ATTENDANT									
PHYSICIAN IN HOSPITAL	3	100.0	90.9	1	100.0	100.0	2	100.0	87.5
PHYSICIAN NOT IN HOSPITAL	0	0.0	0.0	0	0.0	0.0	0	0.0	0.0
CERTIFIED NURSE MIDWIFE	0	0.0	0.0	0	0.0	0.0	0	0.0	0.0
OTHER ATTENDANT	0	0.0	9.1	0	0.0	0.0	0	0.0	12.5
OUT OF WEDLOCK	1	33.3	54.5	1	100.0	66.7	0	0.0	50.0
10. NEONATAL (UNDER 28 DAYS)	5	19.7	14.4	3	19.1	9.4	2	20.6	22.0
11. POSTNEONATAL (28 DAYS - 1 YEAR)	0	0.0	4.1	0	0.0	5.4	0	0.0	2.0
12. INFANT DEATHS (UNDER 1 YEAR)	5	19.7	18.4	3	19.1	14.7	2	20.6	24.0
DEATHS (EXCLUDING FETALS)									
13. TOTAL	182			136			46		
MALES	103			82			21		
FEMALES	79			54			25		
14. AGE									
00-04 YEARS	6			4			2		
05-14 YEARS	2			1			1		
15-24 YEARS	4			3			1		
25-34 YEARS	4			4			0		
35-44 YEARS	5			1			4		
45-54 YEARS	12			6			6		
55-64 YEARS	20			14			6		
65 AND OVER	129			103			26		
15. PLACE OF DEATH									
HOSPITAL	127	69.8	69.1	88	64.7	67.5	39	84.8	74.0
OTHER INSTITUTION	27	14.8	15.5	22	16.2	15.6	5	10.9	15.2
HOME OR NON-INSTITUTION	28	15.4	15.4	26	19.1	16.9	2	4.3	10.8
16. OCCURRENCE									
TOTAL	187	0.3	0.4	160	0.4	0.4	27	0.2	0.2
TO RESIDENTS	90	48.1	48.9	70	43.8	43.4	20	74.1	80.5

* SEE DEFINITIONS AND FORMULAS (SECTION VII)

SELECTED VITAL STATISTICS FOR 1989 AND 1985-1989

LUMBERTON

	TOTAL			WHITE			NONWHITE		
	NUMBER	RATE*		NUMBER	RATE*		NUMBER	RATE*	
ITEM	1989	1989	85-89	1989	1989	85-89	1989	1989	85-89
POPULATION									
	POPULATION NOT AVAILABLE FOR CITIES (SEE SECTION VI)								
2. NATURAL INCREASE	94			-28			122		
LIVE BIRTHS									
3. TOTAL	337			128			209		
MALES	169			58			111		
FEMALES	168			70			98		
4. ATTENDANT									
PHYSICIAN IN HOSPITAL	291	86.4	92.7	108	84.4	93.0	183	87.6	92.5
PHYSICIAN NOT IN HOSPITAL	1	0.3	0.3	1	0.8	0.3	0	0.0	0.2
CERTIFIED NURSE MIDWIFE	45	13.4	6.9	19	14.8	6.7	26	12.4	7.0
OTHER ATTENDANT	0	0.0	0.1	0	0.0	0.0	0	0.0	0.2
5. PREMATURE BIRTHS	30	8.9	9.8	10	7.8	7.2	20	9.6	11.4
6. OUT OF WEDLOCK	187	55.5	47.2	30	23.4	18.2	157	75.1	64.7
7. OCCURRENCE									
TOTAL	1234	1.2	1.4	391	0.6	0.6	843	2.5	3.2
TO RESIDENTS	274	22.2	20.6	108	27.6	26.4	166	19.7	18.2
FETAL & INFANT MORTALITY									
8. PERINATAL DEATHS	3	8.8	15.5	2	15.4	18.1	1	4.8	14.0
9. FETAL DEATHS	3	8.8	11.2	2	15.4	14.8	1	4.8	9.0
ATTENDANT									
PHYSICIAN IN HOSPITAL	3	100.0	94.4	2	100.0	100.0	1	100.0	88.9
PHYSICIAN NOT IN HOSPITAL	0	0.0	0.0	0	0.0	0.0	0	0.0	0.0
CERTIFIED NURSE MIDWIFE	0	0.0	5.6	0	0.0	0.0	0	0.0	11.1
OTHER ATTENDANT	0	0.0	0.0	0	0.0	0.0	0	0.0	0.0
OUT OF WEDLOCK	1	33.3	38.9	0	0.0	11.1	1	100.0	66.7
10. NEONATAL (UNDER 28 DAYS)	0	0.0	4.4	0	0.0	3.3	0	0.0	5.0
11. POSTNEONATAL (28 DAYS - 1 YEAR)	2	5.9	6.3	0	0.0	6.7	2	9.6	6.1
12. INFANT DEATHS (UNDER 1 YEAR)	2	5.9	10.7	0	0.0	10.0	2	9.6	11.1
DEATHS (EXCLUDING FETALS)									
13. TOTAL	243			156			87		
MALES	117			70			47		
FEMALES	126			86			40		
14. AGE									
00-04 YEARS	2			0			2		
05-14 YEARS	1			0			1		
15-24 YEARS	1			1			0		
25-34 YEARS	2			0			2		
35-44 YEARS	6			2			4		
45-54 YEARS	18			9			9		
55-64 YEARS	39			24			15		
65 AND OVER	174			120			54		
15. PLACE OF DEATH									
HOSPITAL	169	69.5	67.8	107	68.6	66.2	62	71.3	70.5
OTHER INSTITUTION	45	18.5	17.6	34	21.8	20.1	11	12.[illegible]	13.4
HOME OR NON-INSTITUTION	29	11.9	14.6	15	9.6	13.7	14	16.1	16.1
16. OCCURRENCE									
TOTAL	555	1.0	1.0	294	0.7	0.7	261	1.8	2.1
TO RESIDENTS	190	34.2	31.3	125	42.5	39.0	65	24.9	23.2

* SEE DEFINITIONS AND FORMULAS (SECTION VII)

SELECTED VITAL STATISTICS FOR 1989 AND 1985-1989

MONROE

ITEM	TOTAL NUMBER 1989	TOTAL RATE* 1989	TOTAL RATE* 85-89	WHITE NUMBER 1989	WHITE RATE* 1989	WHITE RATE* 85-89	NONWHITE NUMBER 1989	NONWHITE RATE* 1989	NONWHITE RATE* 85-89
POPULATION									
				POPULATION NOT AVAILABLE FOR CITIES (SEE SECTION VI)					
2. NATURAL INCREASE	198			47			151		
LIVE BIRTHS									
3. TOTAL	383			168			215		
MALES	183			75			108		
FEMALES	200			93			107		
4. ATTENDANT									
PHYSICIAN IN HOSPITAL	382	99.7	99.6	167	99.4	99.3	215	100.0	99.9
PHYSICIAN NOT IN HOSPITAL	0	0.0	0.1	0	0.0	0.1	0	0.0	0.0
CERTIFIED NURSE MIDWIFE	1	0.3	0.2	1	0.6	0.4	0	0.0	0.0
OTHER ATTENDANT	0	0.0	0.1	0	0.0	0.1	0	0.0	0.1
5. PREMATURE BIRTHS	39	10.2	10.7	12	7.1	7.8	27	12.6	13.0
6. OUT OF WEDLOCK	177	46.2	43.9	29	17.3	14.1	148	68.8	68.0
7. OCCURRENCE									
TOTAL	748	0.7	0.8	380	0.6	0.6	368	1.1	1.0
TO RESIDENTS	279	37.3	32.8	92	24.2	20.3	187	50.8	49.6
FETAL & INFANT MORTALITY									
8. PERINATAL DEATHS	8	20.7	22.1	2	11.8	14.2	6	27.6	28.4
9. FETAL DEATHS	3	7.8	8.8	1	5.9	5.7	2	9.2	11.4
ATTENDANT									
PHYSICIAN IN HOSPITAL	3	100.0	85.7	1	100.0	50.0	2	100.0	100.0
PHYSICIAN NOT IN HOSPITAL	0	0.0	0.0	0	0.0	0.0	0	0.0	0.0
CERTIFIED NURSE MIDWIFE	0	0.0	0.0	0	0.0	0.0	0	0.0	0.0
OTHER ATTENDANT	0	0.0	14.3	0	0.0	50.0	0	0.0	0.0
OUT OF WEDLOCK	2	66.7	57.1	0	0.0	25.0	2	100.0	70.0
10. NEONATAL (UNDER 28 DAYS)	5	13.1	13.4	1	6.0	8.5	4	18.6	17.3
11. POSTNEONATAL (28 DAYS - 1 YEAR)	1	2.6	5.2	0	0.0	0.0	1	4.7	9.4
12. INFANT DEATHS (UNDER 1 YEAR)	6	15.7	18.5	1	6.0	8.5	5	23.3	26.5
DEATHS (EXCLUDING FETALS)									
13. TOTAL	185			121			64		
MALES	105			64			41		
FEMALES	80			57			23		
14. AGE									
00-04 YEARS	7			2			5		
05-14 YEARS	1			0			1		
15-24 YEARS	2			1			1		
25-34 YEARS	12			5			7		
35-44 YEARS	4			0			4		
45-54 YEARS	14			8			6		
55-64 YEARS	25			13			12		
65 AND OVER	120			92			28		
15. PLACE OF DEATH									
HOSPITAL	116	62.7	67.4	76	62.8	67.1	40	62.5	67.8
OTHER INSTITUTION	26	14.1	13.6	18	14.9	15.8	8	12.5	9.2
HOME OR NON-INSTITUTION	43	23.2	19.1	27	22.3	17.1	16	25.0	22.9
16. OCCURRENCE									
TOTAL	331	0.6	0.5	260	0.6	0.6	71	0.5	0.5
TO RESIDENTS	127	38.4	38.1	86	33.1	32.8	41	57.7	55.2

* SEE DEFINITIONS AND FORMULAS (SECTION VII)

SELECTED VITAL STATISTICS FOR 1989 AND 1985-1989

MORGANTON

ITEM	TOTAL			WHITE			NONWHITE		
	NUMBER 1989	RATE* 1989	RATE* 85-89	NUMBER 1989	RATE* 1989	RATE* 85-89	NUMBER 1989	RATE* 1989	RATE* 85-89
POPULATION									
				POPULATION NOT AVAILABLE FOR CITIES (SEE SECTION VI)					
2. NATURAL INCREASE	12			-16			28		
LIVE BIRTHS									
3. TOTAL	199			141			58		
MALES	100			73			27		
FEMALES	99			68			31		
4. ATTENDANT									
PHYSICIAN IN HOSPITAL	197	99.0	99.5	139	98.6	99.3	58	100.0	100.0
PHYSICIAN NOT IN HOSPITAL	1	0.5	0.1	1	0.7	0.1	0	0.0	0.0
CERTIFIED NURSE MIDWIFE	0	0.0	0.0	0	0.0	0.0	0	0.0	0.0
OTHER ATTENDANT	1	0.5	0.4	1	0.7	0.6	0	0.0	0.0
5. PREMATURE BIRTHS	15	7.5	9.9	9	6.4	8.2	6	10.3	14.4
6. OUT OF WEDLOCK	56	28.1	31.4	20	14.2	20.3	36	62.1	60.3
7. OCCURRENCE									
TOTAL	787	0.8	0.8	679	1.0	1.0	108	0.3	0.3
TO RESIDENTS	166	21.1	20.1	115	16.9	15.9	51	47.2	50.9
FETAL & INFANT MORTALITY									
8. PERINATAL DEATHS	2	10.0	18.2	1	7.0	16.3	1	17.2	23.2
9. FETAL DEATHS	1	5.0	6.4	1	7.0	5.9	0	0.0	7.7
ATTENDANT									
PHYSICIAN IN HOSPITAL	1	100.0	100.0	1	100.0	100.0	0		100.0
PHYSICIAN NOT IN HOSPITAL	0	0.0	0.0	0	0.0	0.0	0		0.0
CERTIFIED NURSE MIDWIFE	0	0.0	0.0	0	0.0	0.0	0		0.0
OTHER ATTENDANT	0	0.0	0.0	0	0.0	0.0	0		0.0
OUT OF WEDLOCK	1	100.0	66.7	1	100.0	50.0	0		100.0
10. NEONATAL (UNDER 28 DAYS)	1	5.0	11.9	0	0.0	10.5	1	17.2	15.6
11. POSTNEONATAL (28 DAYS - 1 YEAR)	1	5.1	4.4	1	7.1	4.5	0	0.0	4.0
12. INFANT DEATHS (UNDER 1 YEAR)	2	10.1	16.2	1	7.1	14.9	1	17.2	19.5
DEATHS (EXCLUDING FETALS)									
13. TOTAL	187			157			30		
MALES	88			72			16		
FEMALES	99			85			14		
14. AGE									
00-04 YEARS	2			1			1		
05-14 YEARS	1			1			0		
15-24 YEARS	2			2			0		
25-34 YEARS	4			2			2		
35-44 YEARS	7			5			2		
45-54 YEARS	6			6			0		
55-64 YEARS	25			19			6		
65 AND OVER	140			121			19		
15. PLACE OF DEATH									
HOSPITAL	106	56.7	61.2	90	57.3	60.6	16	53.3	64.7
OTHER INSTITUTION	45	24.1	21.7	39	24.8	22.2	6	20.0	18.8
HOME OR NON-INSTITUTION	36	19.3	17.1	28	17.8	17.2	8	26.7	16.5
16. OCCURRENCE									
TOTAL	326	0.6	0.5	285	0.7	0.6	41	0.3	0.3
TO RESIDENTS	136	41.7	43.1	114	40.0	40.8	22	53.7	60.1

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* SEE DEFINITIONS AND FORMULAS (SECTION VII)

SELECTED VITAL STATISTICS FOR 1989 AND 1985-1989

NEW BERN

ITEM	TOTAL			WHITE			NONWHITE		
	NUMBER 1989	RATE* 1989	RATE* 85-89	NUMBER 1989	RATE* 1989	RATE* 85-89	NUMBER 1989	RATE* 1989	RATE* 85-89
POPULATION									
				POPULATION NOT AVAILABLE FOR CITIES (SEE SECTION VI)					
2. NATURAL INCREASE	167			44			123		
LIVE BIRTHS									
3. TOTAL	397			193			204		
MALES	206			99			107		
FEMALES	191			94			97		
4. ATTENDANT									
PHYSICIAN IN HOSPITAL	375	94.5	89.8	176	91.2	87.0	199	97.5	92.5
PHYSICIAN NOT IN HOSPITAL	1	0.3	1.7	0	0.0	2.9	1	0.5	0.4
CERTIFIED NURSE MIDWIFE	21	5.3	8.4	17	8.8	9.9	4	2.0	6.9
OTHER ATTENDANT	0	0.0	0.1	0	0.0	0.1	0	0.0	0.1
5. PREMATURE BIRTHS	41	10.3	9.8	8	4.1	5.5	33	16.2	14.0
6. OUT OF WEDLOCK	157	39.5	34.5	28	14.5	12.0	129	63.2	57.0
7. OCCURRENCE									
TOTAL	1103	1.1	1.2	719	1.0	1.1	384	1.1	1.3
TO RESIDENTS	324	29.4	26.4	156	21.7	19.2	168	43.8	39.8
FETAL & INFANT MORTALITY									
8. PERINATAL DEATHS	8	19.9	21.5	0	0.0	7.8	8	38.1	35.0
9. FETAL DEATHS	6	14.9	10.5	0	0.0	4.4	6	28.6	16.4
ATTENDANT									
PHYSICIAN IN HOSPITAL	6	100.0	89.5	0		100.0	6	100.0	86.7
PHYSICIAN NOT IN HOSPITAL	0	0.0	5.3	0		0.0	0	0.0	6.7
CERTIFIED NURSE MIDWIFE	0	0.0	0.0	0		0.0	0	0.0	0.0
OTHER ATTENDANT	0	0.0	5.3	0		0.0	0	0.0	6.7
OUT OF WEDLOCK	5	83.3	47.4	0		25.0	5	83.3	53.3
10. NEONATAL (UNDER 28 DAYS)	2	5.0	11.1	0	0.0	3.4	2	9.8	16.9
11. POSTNEONATAL (28 DAYS - 1 YEAR)	2	5.1	3.4	0	0.0	2.2	2	9.9	4.5
12. INFANT DEATHS (UNDER 1 YEAR)	4	10.1	14.5	0	0.0	5.6	4	19.6	23.4
DEATHS (EXCLUDING FETALS)									
13. TOTAL	230			149			81		
MALES	113			73			40		
FEMALES	117			76			41		
14. AGE									
00-04 YEARS	4			0			4		
05-14 YEARS	1			0			1		
15-24 YEARS	6			2			4		
25-34 YEARS	4			2			2		
35-44 YEARS	4			1			3		
45-54 YEARS	10			6			4		
55-64 YEARS	24			17			7		
65 AND OVER	177			121			56		
15. PLACE OF DEATH									
HOSPITAL	155	67.4	66.0	95	63.8	65.1	60	74.1	67.5
OTHER INSTITUTION	37	16.1	14.9	28	18.8	16.2	9	11.1	12.3
HOME OR NON-INSTITUTION	38	16.5	19.1	26	17.4	18.6	12	14.8	20.2
16. OCCURRENCE									
TOTAL	575	1.0	1.0	411	0.9	0.9	164	1.2	1.2
TO RESIDENTS	192	33.4	35.5	126	30.7	33.6	66	40.2	40.0

* SEE DEFINITIONS AND FORMULAS (SECTION VII)

SELECTED VITAL STATISTICS FOR 1989 AND 1985-1989

RALEIGH

	TOTAL			WHITE			NONWHITE		
ITEM	NUMBER 1989	RATE* 1989	RATE* 85-89	NUMBER 1989	RATE* 1989	RATE* 85-89	NUMBER 1989	RATE* 1989	RATE* 85-89
POPULATION									
				POPULATION NOT AVAILABLE FOR CITIES (SEE SECTION VI)					
2. NATURAL INCREASE	1845			908			937		
LIVE BIRTHS									
3. TOTAL	3198			1819			1379		
MALES	1639			960			679		
FEMALES	1559			859			700		
4. ATTENDANT									
PHYSICIAN IN HOSPITAL	3084	96.4	96.4	1713	94.2	94.4	1371	99.4	99.2
PHYSICIAN NOT IN HOSPITAL	0	0.0	0.1	0	0.0	0.1	0	0.0	0.1
CERTIFIED NURSE MIDWIFE	110	3.4	3.4	104	5.7	5.3	6	0.4	0.5
OTHER ATTENDANT	4	0.1	0.1	2	0.1	0.2	2	0.1	0.1
5. PREMATURE BIRTHS	289	9.0	8.1	105	5.8	5.5	184	13.3	11.8
6. OUT OF WEDLOCK	896	28.0	25.0	133	7.3	6.9	763	55.3	50.4
7. OCCURRENCE									
TOTAL	7730	7.5	7.0	5417	7.8	7.3	2313	6.9	6.3
TO RESIDENTS	3100	40.1	40.0	1736	32.0	32.5	1364	59.0	58.7
FETAL & INFANT MORTALITY									
8. PERINATAL DEATHS	75	23.2	21.7	29	15.8	16.1	46	32.9	29.5
9. FETAL DEATHS	31	9.6	10.0	11	6.0	7.0	20	14.3	14.1
ATTENDANT									
PHYSICIAN IN HOSPITAL	31	100.0	98.6	11	100.0	96.5	20	100.0	100.0
PHYSICIAN NOT IN HOSPITAL	0	0.0	0.7	0	0.0	1.8	0	0.0	0.0
CERTIFIED NURSE MIDWIFE	0	0.0	0.7	0	0.0	1.8	0	0.0	0.0
OTHER ATTENDANT	0	0.0	0.0	0	0.0	0.0	0	0.0	0.0
OUT OF WEDLOCK	14	45.2	37.4	1	9.1	10.5	13	65.0	56.1
10. NEONATAL (UNDER 28 DAYS)	44	13.8	11.8	18	9.9	9.1	26	18.9	15.7
11. POSTNEONATAL (28 DAYS - 1 YEAR)	11	3.5	3.6	4	2.2	2.9	7	5.2	4.6
12. INFANT DEATHS (UNDER 1 YEAR)	55	17.2	15.4	22	12.1	11.9	33	23.9	20.2
DEATHS (EXCLUDING FETALS)									
13. TOTAL	1353			911			442		
MALES	671			437			234		
FEMALES	682			474			208		
14. AGE									
00-04 YEARS	59			24			35		
05-14 YEARS	8			4			4		
15-24 YEARS	28			17			11		
25-34 YEARS	44			22			22		
35-44 YEARS	65			34			31		
45-54 YEARS	91			45			46		
55-64 YEARS	153			99			54		
65 AND OVER	905			666			239		
15. PLACE OF DEATH									
HOSPITAL	880	65.0	64.4	548	60.2	61.6	332	75.1	70.8
OTHER INSTITUTION	228	16.9	17.9	185	20.3	20.5	43	9.7	11.8
HOME OR NON-INSTITUTION	245	18.1	17.7	178	19.5	17.9	67	15.2	17.4
16. OCCURRENCE									
TOTAL	2349	4.1	4.0	1665	3.8	3.8	684	4.8	4.5
TO RESIDENTS	1220	51.9	53.3	823	49.4	51.1	397	58.0	59.3

* SEE DEFINITIONS AND FORMULAS (SECTION VII)

SELECTED VITAL STATISTICS FOR 1989 AND 1985-1989

REIDSVILLE

ITEM	TOTAL NUMBER 1989	TOTAL RATE* 1989	TOTAL RATE* 85-89	WHITE NUMBER 1989	WHITE RATE* 1989	WHITE RATE* 85-89	NONWHITE NUMBER 1989	NONWHITE RATE* 1989	NONWHITE RATE* 85-89
POPULATION									
				POPULATION NOT AVAILABLE FOR CITIES (SEE SECTION VI)					
2. NATURAL INCREASE	1			-28			29		
LIVE BIRTHS									
3. TOTAL	174			84			90		
MALES	83			39			44		
FEMALES	91			45			46		
4. ATTENDANT									
PHYSICIAN IN HOSPITAL	173	99.4	99.4	83	98.8	99.1	90	100.0	99.8
PHYSICIAN NOT IN HOSPITAL	1	0.6	0.3	1	1.2	0.4	0	0.0	0.2
CERTIFIED NURSE MIDWIFE	0	0.0	0.2	0	0.0	0.4	0	0.0	0.0
OTHER ATTENDANT	0	0.0	0.0	0	0.0	0.0	0	0.0	0.0
5. PREMATURE BIRTHS	23	13.2	9.1	5	6.0	5.4	18	20.0	13.2
6. OUT OF WEDLOCK	78	44.8	39.3	18	21.4	15.5	60	66.7	65.9
7. OCCURRENCE									
TOTAL	354	0.3	0.3	203	0.3	0.3	151	0.4	0.5
TO RESIDENTS	108	30.5	31.7	41	20.2	22.7	67	44.4	43.3
FETAL & INFANT MORTALITY									
8. PERINATAL DEATHS	4	22.7	19.1	1	11.8	4.3	3	33.0	35.5
9. FETAL DEATHS	2	11.4	9.0	1	11.8	4.3	1	11.0	14.2
ATTENDANT									
PHYSICIAN IN HOSPITAL	2	100.0	87.5	1	100.0	100.0	1	100.0	83.3
PHYSICIAN NOT IN HOSPITAL	0	0.0	12.5	0	0.0	0.0	0	0.0	16.7
CERTIFIED NURSE MIDWIFE	0	0.0	0.0	0	0.0	0.0	0	0.0	0.0
OTHER ATTENDANT	0	0.0	0.0	0	0.0	0.0	0	0.0	0.0
OUT OF WEDLOCK	1	50.0	62.5	0	0.0	0.0	1	100.0	83.3
10. NEONATAL (UNDER 28 DAYS)	2	11.5	10.2	0	0.0	0.0	2	22.2	21.6
11. POSTNEONATAL (28 DAYS - 1 YEAR)	0	0.0	4.6	0	0.0	2.2	0	0.0	7.4
12. INFANT DEATHS (UNDER 1 YEAR)	2	11.5	14.8	0	0.0	2.2	2	22.2	28.8
DEATHS (EXCLUDING FETALS)									
13. TOTAL	173			112			61		
MALES	85			52			33		
FEMALES	88			60			28		
14. AGE									
00-04 YEARS	2			0			2		
05-14 YEARS	0			0			0		
15-24 YEARS	1			1			0		
25-34 YEARS	5			1			4		
35-44 YEARS	6			3			3		
45-54 YEARS	8			6			2		
55-64 YEARS	26			16			10		
65 AND OVER	125			85			40		
15. PLACE OF DEATH									
HOSPITAL	110	63.6	69.4	73	65.2	68.3	37	60.7	71.3
OTHER INSTITUTION	20	11.6	13.2	13	11.6	15.5	7	11.5	9.6
HOME OR NON-INSTITUTION	43	24.9	17.4	26	23.2	16.2	17	27.9	19.2
16. OCCURRENCE									
TOTAL	276	0.5	0.5	183	0.4	0.5	93	0.7	0.7
TO RESIDENTS	132	47.8	46.9	85	46.4	42.3	47	50.5	55.9

* SEE DEFINITIONS AND FORMULAS (SECTION VII)

SELECTED VITAL STATISTICS FOR 1989 AND 1985-1989

ROANOKE RAPIDS

	TOTAL			WHITE			NONWHITE		
ITEM	NUMBER 1989	RATE* 1989	RATE* 85-89	NUMBER 1989	RATE* 1989	RATE* 85-89	NUMBER 1989	RATE* 1989	RATE* 85-89
POPULATION									
				POPULATION NOT AVAILABLE FOR CITIES (SEE SECTION VI)					
2. NATURAL INCREASE	77			27			50		
LIVE BIRTHS									
3. TOTAL	243			167			76		
MALES	118			89			29		
FEMALES	125			78			47		
4. ATTENDANT									
PHYSICIAN IN HOSPITAL	241	99.2	99.5	165	98.8	99.6	76	100.0	99.4
PHYSICIAN NOT IN HOSPITAL	1	0.4	0.3	1	0.6	0.3	0	0.0	0.3
CERTIFIED NURSE MIDWIFE	0	0.0	0.0	0	0.0	0.0	0	0.0	0.0
OTHER ATTENDANT	1	0.4	0.2	1	0.6	0.1	0	0.0	0.3
5. PREMATURE BIRTHS	17	7.0	6.6	12	7.2	5.0	5	6.6	10.3
6. OUT OF WEDLOCK	76	31.3	30.2	29	17.4	17.6	47	61.8	57.8
7. OCCURRENCE									
TOTAL	967	0.9	0.9	224	0.3	0.3	743	2.2	2.1
TO RESIDENTS	174	18.0	18.3	106	47.3	45.1	68	9.2	9.4
FETAL & INFANT MORTALITY									
8. PERINATAL DEATHS	1	4.1	16.4	1	6.0	12.0	0	0.0	25.9
9. FETAL DEATHS	0	0.0	10.0	0	0.0	6.7	0	0.0	17.3
ATTENDANT									
PHYSICIAN IN HOSPITAL	0		100.0	0		100.0	0		100.0
PHYSICIAN NOT IN HOSPITAL	0		0.0	0		0.0	0		0.0
CERTIFIED NURSE MIDWIFE	0		0.0	0		0.0	0		0.0
OTHER ATTENDANT	0		0.0	0		0.0	0		0.0
OUT OF WEDLOCK	0		27.3	0		0.0	0		50.0
10. NEONATAL (UNDER 28 DAYS)	1	4.1	6.4	1	6.0	5.4	0	0.0	8.8
11. POSTNEONATAL (28 DAYS - 1 YEAR)	2	8.3	3.7	2	12.0	5.4	0	0.0	0.0
12. INFANT DEATHS (UNDER 1 YEAR)	3	12.3	10.1	3	18.0	10.7	0	0.0	8.8
DEATHS (EXCLUDING FETALS)									
13. TOTAL	166			140			26		
MALES	64			51			13		
FEMALES	102			89			13		
14. AGE									
00-04 YEARS	5			5			0		
05-14 YEARS	2			2			0		
15-24 YEARS	0			0			0		
25-34 YEARS	1			0			1		
35-44 YEARS	7			3			4		
45-54 YEARS	6			5			1		
55-64 YEARS	21			15			6		
65 AND OVER	124			110			14		
15. PLACE OF DEATH									
HOSPITAL	129	77.7	80.1	104	74.3	78.6	25	96.2	89.5
OTHER INSTITUTION	21	12.7	11.0	21	15.0	11.8	0	0.0	6.5
HOME OR NON-INSTITUTION	16	9.6	8.8	15	10.7	9.6	1	3.8	4.0
16. OCCURRENCE									
TOTAL	477	0.8	0.8	240	0.5	0.6	237	1.7	1.6
TO RESIDENTS	132	27.7	29.3	111	46.2	47.6	21	8.9	8.7

* SEE DEFINITIONS AND FORMULAS (SECTION VII)

SELECTED VITAL STATISTICS FOR 1989 AND 1985-1989

ROCKY MOUNT

	TOTAL			WHITE			NONWHITE		
ITEM	NUMBER 1989	RATE* 1989	RATE* 85-89	NUMBER 1989	RATE* 1989	RATE* 85-89	NUMBER 1989	RATE* 1989	RATE* 85-89
POPULATION									
				POPULATION NOT AVAILABLE FOR CITIES (SEE SECTION VI)					
2. NATURAL INCREASE	357			0			357		
LIVE BIRTHS									
3. TOTAL	855			283			572		
MALES	418			146			272		
FEMALES	437			137			300		
4. ATTENDANT									
PHYSICIAN IN HOSPITAL	854	99.9	99.6	282	99.6	99.7	572	100.0	99.5
PHYSICIAN NOT IN HOSPITAL	0	0.0	0.2	0	0.0	0.0	0	0.0	0.4
CERTIFIED NURSE MIDWIFE	1	0.1	0.1	1	0.4	0.3	0	0.0	0.0
OTHER ATTENDANT	0	0.0	0.0	0	0.0	0.0	0	0.0	0.1
5. PREMATURE BIRTHS	94	11.0	9.9	18	6.4	5.8	76	13.3	12.5
6. OUT OF WEDLOCK	386	45.1	41.9	33	11.7	10.3	353	61.7	61.5
7. OCCURRENCE									
TOTAL	1415	1.4	1.5	747	1.1	1.2	668	2.0	2.2
TO RESIDENTS	467	33.0	32.3	212	28.4	31.4	255	38.2	33.4
FETAL & INFANT MORTALITY									
8. PERINATAL DEATHS	20	23.1	17.2	5	17.5	12.2	15	25.9	20.3
9. FETAL DEATHS	10	11.6	9.6	3	10.5	10.2	7	12.1	9.1
ATTENDANT									
PHYSICIAN IN HOSPITAL	10	100.0	94.9	3	100.0	87.5	7	100.0	100.0
PHYSICIAN NOT IN HOSPITAL	0	0.0	0.0	0	0.0	0.0	0	0.0	0.0
CERTIFIED NURSE MIDWIFE	0	0.0	0.0	0	0.0	0.0	0	0.0	0.0
OTHER ATTENDANT	0	0.0	5.1	0	0.0	12.5	0	0.0	0.0
OUT OF WEDLOCK	7	70.0	46.2	1	33.3	12.5	6	85.7	69.6
10. NEONATAL (UNDER 28 DAYS)	10	11.7	7.7	2	7.1	1.9	8	14.0	11.2
11. POSTNEONATAL (28 DAYS - 1 YEAR)	4	4.7	4.5	1	3.6	3.9	3	5.3	4.9
12. INFANT DEATHS (UNDER 1 YEAR)	14	16.4	12.1	3	10.6	5.8	11	19.2	16.1
DEATHS (EXCLUDING FETALS)									
13. TOTAL	498			283			215		
MALES	238			134			104		
FEMALES	260			149			111		
14. AGE									
00-04 YEARS	15			4			11		
05-14 YEARS	0			0			0		
15-24 YEARS	7			2			5		
25-34 YEARS	15			5			10		
35-44 YEARS	16			4			12		
45-54 YEARS	32			15			17		
55-64 YEARS	66			34			32		
65 AND OVER	347			219			128		
15. PLACE OF DEATH									
HOSPITAL	326	65.5	64.3	180	63.6	62.4	146	67.9	66.6
OTHER INSTITUTION	72	14.5	14.8	44	15.5	17.1	28	13.0	12.1
HOME OR NON-INSTITUTION	100	20.1	20.8	59	20.8	20.4	41	19.1	21.3
16. OCCURRENCE									
TOTAL	761	1.3	1.3	453	1.0	1.0	306	2.2	2.2
TO RESIDENTS	291	38.2	41.8	188	41.5	45.5	103	33.4	36.7

* SEE DEFINITIONS AND FORMULAS (SECTION VII)

SELECTED VITAL STATISTICS FOR 1989 AND 1985-1989

SALISBURY

ITEM	TOTAL			WHITE			NON-WHITE		
	NUMBER 1989	RATE* 1989	RATE* 85-89	NUMBER 1989	RATE* 1989	RATE* 85-89	NUMBER 1989	RATE* 1989	RATE* 85-89
POPULATION									
	POPULATION NOT AVAILABLE FOR CITIES (SEE SECTION VI)								
2. NATURAL INCREASE	-74			-152			78		
LIVE BIRTHS									
3. TOTAL	344			167			177		
MALES	187			96			91		
FEMALES	157			71			86		
4. ATTENDANT									
PHYSICIAN IN HOSPITAL	342	99.4	98.7	167	100.0	98.8	175	98.9	98.7
PHYSICIAN NOT IN HOSPITAL	1	0.3	0.3	0	0.0	0.0	1	0.6	0.6
CERTIFIED NURSE MIDWIFE	1	0.3	0.6	0	0.0	1.1	1	0.6	0.2
OTHER ATTENDANT	0	0.0	0.4	0	0.0	0.1	0	0.0	0.6
5. PREMATURE BIRTHS	30	8.7	9.7	11	6.6	6.6	19	10.7	12.3
6. OUT OF WEDLOCK	159	46.2	42.2	34	20.4	12.1	125	70.6	67.3
7. OCCURRENCE									
TOTAL	1166	1.1	1.1	884	1.3	1.3	282	0.8	0.9
TO RESIDENTS	301	25.8	25.1	148	16.7	15.5	153	54.3	53.9
FETAL & INFANT MORTALITY									
8. PERINATAL DEATHS	6	17.2	20.0	2	11.9	13.4	4	22.1	25.4
9. FETAL DEATHS	5	14.3	12.7	1	6.0	8.0	4	22.1	16.6
ATTENDANT									
PHYSICIAN IN HOSPITAL	4	80.0	90.5	1	100.0	100.0	3	75.0	86.7
PHYSICIAN NOT IN HOSPITAL	0	0.0	4.8	0	0.0	0.0	0	0.0	6.7
CERTIFIED NURSE MIDWIFE	0	0.0	0.0	0	0.0	0.0	0	0.0	0.0
OTHER ATTENDANT	1	20.0	4.8	0	0.0	0.0	1	25.0	6.7
OUT OF WEDLOCK	4	80.0	66.7	0	0.0	33.3	4	100.0	80.0
10. NEONATAL (UNDER 28 DAYS)	1	2.9	7.4	1	6.0	5.4	0	0.0	9.0
11. POSTNEONATAL (28 DAYS - 1 YEAR)	1	2.9	8.0	1	6.0	8.1	0	0.0	7.9
12. INFANT DEATHS (UNDER 1 YEAR)	2	5.8	15.3	2	12.0	13.5	0	0.0	16.9
DEATHS (EXCLUDING FETALS)									
13. TOTAL	418			319			99		
MALES	208			153			55		
FEMALES	210			166			44		
14. AGE									
00-04 YEARS	3			2			1		
05-14 YEARS	0			0			0		
15-24 YEARS	8			4			4		
25-34 YEARS	15			5			10		
35-44 YEARS	6			3			3		
45-54 YEARS	15			10			5		
55-64 YEARS	47			33			14		
65 AND OVER	324			262			62		
15. PLACE OF DEATH									
HOSPITAL	189	45.2	49.6	144	45.1	48.6	45	45.5	52.4
OTHER INSTITUTION	165	39.5	34.3	130	40.8	36.6	35	35.4	27.8
HOME OR NON-INSTITUTION	64	15.3	16.1	45	14.1	14.8	19	19.2	19.3
16. OCCURRENCE									
TOTAL	953	1.6	1.7	786	1.8	1.8	167	1.2	1.4
TO RESIDENTS	367	38.5	35.8	285	36.3	33.3	82	49.1	46.0

* SEE DEFINITIONS AND FORMULAS (SECTION VII)

SELECTED VITAL STATISTICS FOR 1989 AND 1985-1989

SANFORD

ITEM	TOTAL NUMBER 1989	TOTAL RATE* 1989	TOTAL RATE* 85-89	WHITE NUMBER 1989	WHITE RATE* 1989	WHITE RATE* 85-89	NONWHITE NUMBER 1989	NONWHITE RATE* 1989	NONWHITE RATE* 85-89
POPULATION									
				POPULATION NOT AVAILABLE FOR CITIES (SEE SECTION VI)					
2. NATURAL INCREASE	133			45			88		
LIVE BIRTHS									
3. TOTAL	301			160			141		
MALES	144			76			68		
FEMALES	157			84			73		
4. ATTENDANT									
PHYSICIAN IN HOSPITAL	298	99.0	99.0	157	98.1	98.8	141	100.0	99.2
PHYSICIAN NOT IN HOSPITAL	0	0.0	0.1	0	0.0	0.0	0	0.0	0.3
CERTIFIED NURSE MIDWIFE	3	1.0	0.8	3	1.9	1.2	0	0.0	0.5
OTHER ATTENDANT	0	0.0	0.0	0	0.0	0.0	0	0.0	0.0
5. PREMATURE BIRTHS	26	8.6	8.9	6	3.7	4.9	20	14.2	13.5
6. OUT OF WEDLOCK	148	49.2	39.7	42	26.2	18.0	106	75.2	64.7
7. OCCURRENCE									
TOTAL	842	0.8	0.8	577	0.8	0.8	265	0.8	0.7
TO RESIDENTS	168	20.0	22.5	95	16.5	18.2	73	27.5	32.5
FETAL & INFANT MORTALITY									
8. PERINATAL DEATHS	2	6.6	17.2	0	0.0	14.2	2	14.1	20.7
9. FETAL DEATHS	1	3.3	9.0	0	0.0	5.2	1	7.0	13.3
ATTENDANT									
PHYSICIAN IN HOSPITAL	1	100.0	100.0	0		100.0	1	100.0	100.0
PHYSICIAN NOT IN HOSPITAL	0	0.0	0.0	0		0.0	0	0.0	0.0
CERTIFIED NURSE MIDWIFE	0	0.0	0.0	0		0.0	0	0.0	0.0
OTHER ATTENDANT	0	0.0	0.0	0		0.0	0	0.0	0.0
OUT OF WEDLOCK	1	100.0	76.9	0		50.0	1	100.0	88.9
10. NEONATAL (UNDER 28 DAYS)	1	3.3	8.4	0	0.0	9.1	1	7.1	7.5
11. POSTNEONATAL (28 DAYS - 1 YEAR)	2	6.7	4.9	1	6.2	2.6	1	7.1	7.6
12. INFANT DEATHS (UNDER 1 YEAR)	3	10.0	13.2	1	6.2	11.7	2	14.2	15.0
DEATHS (EXCLUDING FETALS)									
13. TOTAL	168			115			53		
MALES	84			56			28		
FEMALES	84			59			25		
14. AGE									
00-04 YEARS	4			2			2		
05-14 YEARS	2			2			0		
15-24 YEARS	3			2			1		
25-34 YEARS	4			1			3		
35-44 YEARS	3			2			1		
45-54 YEARS	13			9			4		
55-64 YEARS	28			19			9		
65 AND OVER	111			78			33		
15. PLACE OF DEATH									
HOSPITAL	103	61.3	60.9	70	60.9	61.1	33	62.3	60.5
OTHER INSTITUTION	33	19.6	16.7	24	20.9	16.9	9	17.0	16.2
HOME OR NON-INSTITUTION	32	19.0	22.4	21	18.3	22.0	11	20.8	23.3
16. OCCURRENCE									
TOTAL	257	0.4	0.4	185	0.4	0.4	72	0.5	0.5
TO RESIDENTS	111	43.2	43.3	73	39.5	40.4	38	52.8	51.0

* SEE DEFINITIONS AND FORMULAS (SECTION VII)

SELECTED VITAL STATISTICS FOR 1989 AND 1985-1989

SHELBY

ITEM	TOTAL			WHITE			NONWHITE		
	NUMBER 1989	RATE* 1989	RATE* 85-89	NUMBER 1989	RATE* 1989	RATE* 85-89	NUMBER 1989	RATE* 1989	RATE* 85-89
POPULATION									
				POPULATION NOT AVAILABLE FOR CITIES (SEE SECTION VI)					
2. NATURAL INCREASE	94			-37			131		
LIVE BIRTHS									
3. TOTAL	319			123			196		
MALES	160			61			99		
FEMALES	159			62			97		
4. ATTENDANT									
PHYSICIAN IN HOSPITAL	319	100.0	100.0	123	100.0	100.0	196	100.0	100.0
PHYSICIAN NOT IN HOSPITAL	0	0.0	0.0	0	0.0	0.0	0	0.0	0.0
CERTIFIED NURSE MIDWIFE	0	0.0	0.0	0	0.0	0.0	0	0.0	0.0
OTHER ATTENDANT	0	0.0	0.0	0	0.0	0.0	0	0.0	0.0
5. PREMATURE BIRTHS	47	14.7	11.3	13	10.6	7.0	34	17.3	14.3
6. OUT OF WEDLOCK	172	53.9	49.9	24	19.5	15.0	148	75.5	73.9
7. OCCURRENCE									
TOTAL	1351	1.3	1.3	961	1.4	1.3	390	1.2	1.1
TO RESIDENTS	281	20.8	21.2	101	10.5	11.7	180	46.2	44.9
FETAL & INFANT MORTALITY									
8. PERINATAL DEATHS	11	34.3	24.7	2	16.3	19.1	9	45.5	28.6
9. FETAL DEATHS	2	6.2	9.9	0	0.0	8.7	2	10.1	10.7
ATTENDANT									
PHYSICIAN IN HOSPITAL	2	100.0	100.0	0		100.0	2	100.0	100.0
PHYSICIAN NOT IN HOSPITAL	0	0.0	0.0	0		0.0	0	0.0	0.0
CERTIFIED NURSE MIDWIFE	0	0.0	0.0	0		0.0	0	0.0	0.0
OTHER ATTENDANT	0	0.0	0.0	0		0.0	0	0.0	0.0
OUT OF WEDLOCK	2	100.0	50.0	0		0.0	2	100.0	77.8
10. NEONATAL (UNDER 28 DAYS)	9	28.2	15.0	2	16.3	10.5	7	35.7	18.1
11. POSTNEONATAL (28 DAYS - 1 YEAR)	0	0.0	4.3	0	0.0	1.8	0	0.0	6.1
12. INFANT DEATHS (UNDER 1 YEAR)	9	28.2	19.3	2	16.3	12.2	7	35.7	24.1
DEATHS (EXCLUDING FETALS)									
13. TOTAL	225			160			65		
MALES	94			64			30		
FEMALES	131			96			35		
14. AGE									
00-04 YEARS	10			2			8		
05-14 YEARS	1			0			1		
15-24 YEARS	3			2			1		
25-34 YEARS	4			1			3		
35-44 YEARS	9			6			3		
45-54 YEARS	14			6			8		
55-64 YEARS	16			12			4		
65 AND OVER	168			131			37		
15. PLACE OF DEATH									
HOSPITAL	158	70.2	62.5	107	66.9	59.0	51	78.5	71.7
OTHER INSTITUTION	41	18.2	20.3	35	21.9	24.4	6	9.2	10.0
HOME OR NON-INSTITUTION	26	11.6	17.1	18	11.2	16.6	8	12.3	18.4
16. OCCURRENCE									
TOTAL	539	0.9	0.9	420	1.0	0.9	119	0.8	0.8
TO RESIDENTS	193	35.8	37.6	142	33.8	34.4	51	42.9	50.1

* SEE DEFINITIONS AND FORMULAS (SECTION VII)

SELECTED VITAL STATISTICS FOR 1989 AND 1985-1989

STATESVILLE

ITEM	TOTAL			WHITE			NONWHITE		
	NUMBER 1989	RATE* 1989	RATE* 85-89	NUMBER 1989	RATE* 1989	RATE* 85-89	NUMBER 1989	RATE* 1989	RATE* 85-89
POPULATION									
POPULATION NOT AVAILABLE FOR CITIES (SEE SECTION VI)									
2. NATURAL INCREASE	30			-65			95		
LIVE BIRTHS									
3. TOTAL	313			143			170		
MALES	143			67			76		
FEMALES	170			76			94		
4. ATTENDANT									
PHYSICIAN IN HOSPITAL	311	99.4	99.6	141	98.6	99.7	170	100.0	99.6
PHYSICIAN NOT IN HOSPITAL	0	0.0	0.1	0	0.0	0.0	0	0.0	0.1
CERTIFIED NURSE MIDWIFE	1	0.3	0.1	1	0.7	0.2	0	0.0	0.0
OTHER ATTENDANT	1	0.3	0.2	1	0.7	0.2	0	0.0	0.3
5. PREMATURE BIRTHS	35	11.2	10.6	12	8.4	7.5	23	13.5	13.4
6. OUT OF WEDLOCK	161	51.4	45.9	27	18.9	16.2	134	78.8	71.8
7. OCCURRENCE									
TOTAL	958	0.9	0.9	669	1.0	0.9	289	0.9	0.8
TO RESIDENTS	244	25.5	25.6	106	15.8	15.5	138	47.8	50.5
FETAL & INFANT MORTALITY									
8. PERINATAL DEATHS	7	22.1	19.4	3	20.7	17.9	4	23.3	20.7
9. FETAL DEATHS	4	12.6	11.1	2	13.8	8.9	2	11.6	12.9
ATTENDANT									
PHYSICIAN IN HOSPITAL	3	75.0	87.5	2	100.0	100.0	1	50.0	80.0
PHYSICIAN NOT IN HOSPITAL	1	25.0	12.5	0	0.0	0.0	1	50.0	20.0
CERTIFIED NURSE MIDWIFE	0	0.0	0.0	0	0.0	0.0	0	0.0	0.0
OTHER ATTENDANT	0	0.0	0.0	0	0.0	0.0	0	0.0	0.0
OUT OF WEDLOCK	2	50.0	56.3	0	0.0	16.7	2	100.0	80.0
10. NEONATAL (UNDER 28 DAYS)	3	9.6	8.4	1	7.0	9.0	2	11.8	7.9
11. POSTNEONATAL (28 DAYS - 1 YEAR)	0	0.0	6.4	0	0.0	4.6	0	0.0	7.9
12. INFANT DEATHS (UNDER 1 YEAR)	3	9.6	14.7	1	7.0	13.5	2	11.8	15.7
DEATHS (EXCLUDING FETALS)									
13. TOTAL	283			208			75		
MALES	130			94			36		
FEMALES	153			114			39		
14. AGE									
00-04 YEARS	4			2			2		
05-14 YEARS	1			1			0		
15-24 YEARS	4			3			1		
25-34 YEARS	6			3			3		
35-44 YEARS	9			5			4		
45-54 YEARS	14			6			8		
55-64 YEARS	32			22			10		
65 AND OVER	213			166			47		
15. PLACE OF DEATH									
HOSPITAL	202	71.4	70.4	153	73.6	69.4	49	65.3	73.3
OTHER INSTITUTION	42	14.8	14.9	29	13.9	16.3	13	17.3	10.7
HOME OR NON-INSTITUTION	39	13.8	14.7	26	12.5	14.3	13	17.3	16.0
16. OCCURRENCE									
TOTAL	395	0.7	0.7	325	0.7	0.7	70	0.5	0.5
TO RESIDENTS	189	47.8	44.5	140	43.1	40.1	49	70.0	64.3

* SEE DEFINITIONS AND FORMULAS (SECTION VII)

SELECTED VITAL STATISTICS FOR 1989 AND 1985-1989

THOMASVILLE

ITEM	TOTAL NUMBER 1989	TOTAL RATE* 1989	TOTAL RATE* 85-89	WHITE NUMBER 1989	WHITE RATE* 1989	WHITE RATE* 85-89	NONWHITE NUMBER 1989	NONWHITE RATE* 1989	NONWHITE RATE* 85-89
POPULATION									
				POPULATION NOT AVAILABLE FOR CITIES (SEE SECTION VI)					
2. NATURAL INCREASE	43			3			40		
LIVE BIRTHS									
3. TOTAL	260			173			87		
MALES	142			94			48		
FEMALES	118			79			39		
4. ATTENDANT									
PHYSICIAN IN HOSPITAL	252	96.9	97.8	167	96.5	97.0	85	97.7	99.3
PHYSICIAN NOT IN HOSPITAL	0	0.0	0.0	0	0.0	0.0	0	0.0	0.0
CERTIFIED NURSE MIDWIFE	7	2.7	2.1	5	2.9	2.8	2	2.3	0.7
OTHER ATTENDANT	1	0.4	0.1	1	0.6	0.1	0	0.0	0.0
5. PREMATURE BIRTHS	24	9.2	8.4	18	10.4	7.5	6	6.9	10.0
6. OUT OF WEDLOCK	88	33.8	36.9	36	20.8	23.1	52	59.8	62.4
7. OCCURRENCE									
TOTAL	514	0.5	0.5	432	0.6	0.7	82	0.2	0.3
TO RESIDENTS	148	28.8	28.1	87	20.1	19.0	61	74.4	77.1
FETAL & INFANT MORTALITY									
8. PERINATAL DEATHS	6	22.7	19.9	5	28.4	20.5	1	11.4	18.7
9. FETAL DEATHS	4	15.2	11.6	3	17.0	9.0	1	11.4	16.4
ATTENDANT									
PHYSICIAN IN HOSPITAL	4	100.0	92.9	3	100.0	100.0	1	100.0	85.7
PHYSICIAN NOT IN HOSPITAL	0	0.0	7.1	0	0.0	0.0	0	0.0	14.3
CERTIFIED NURSE MIDWIFE	0	0.0	0.0	0	0.0	0.0	0	0.0	0.0
OTHER ATTENDANT	0	0.0	0.0	0	0.0	0.0	0	0.0	0.0
OUT OF WEDLOCK	2	50.0	71.4	1	33.3	42.9	1	100.0	100.0
10. NEONATAL (UNDER 28 DAYS)	2	7.7	8.4	2	11.6	11.6	0	0.0	2.4
11. POSTNEONATAL (28 DAYS - 1 YEAR)	0	0.0	3.4	0	0.0	2.6	0	0.0	4.8
12. INFANT DEATHS (UNDER 1 YEAR)	2	7.7	11.7	2	11.6	14.2	0	0.0	7.1
DEATHS (EXCLUDING FETALS)									
13. TOTAL	217			170			47		
MALES	113			84			29		
FEMALES	104			86			18		
14. AGE									
00-04 YEARS	2			2			0		
05-14 YEARS	1			1			0		
15-24 YEARS	1			0			1		
25-34 YEARS	1			1			0		
35-44 YEARS	6			4			2		
45-54 YEARS	12			7			5		
55-64 YEARS	34			25			9		
65 AND OVER	160			130			30		
15. PLACE OF DEATH									
HOSPITAL	134	61.8	60.2	102	60.0	58.1	32	68.1	67.9
OTHER INSTITUTION	53	24.4	25.6	45	26.5	28.2	8	17.0	15.8
HOME OR NON-INSTITUTION	30	13.8	14.2	23	13.5	13.7	7	14.9	16.3
16. OCCURRENCE									
TOTAL	329	0.6	0.5	277	0.6	0.6	52	0.4	0.3
TO RESIDENTS	160	48.6	50.5	126	45.5	46.2	34	65.4	76.6

* SEE DEFINITIONS AND FORMULAS (SECTION VII)

SELECTED VITAL STATISTICS FOR 1989 AND 1985-1989

WILMINGTON

	TOTAL			WHITE			NONWHITE		
ITEM	NUMBER 1989	RATE* 1989	85-89	NUMBER 1989	RATE* 1989	85-89	NUMBER 1989	RATE* 1989	85-89
POPULATION									
				POPULATION NOT AVAILABLE FOR CITIES (SEE SECTION VI)					
2. NATURAL INCREASE	269			36			233		
LIVE BIRTHS									
3. TOTAL	865			422			443		
MALES	441			206			235		
FEMALES	424			216			208		
4. ATTENDANT									
PHYSICIAN IN HOSPITAL	861	99.5	99.8	421	99.8	99.9	440	99.3	99.8
PHYSICIAN NOT IN HOSPITAL	4	0.5	0.1	1	0.2	0.0	3	0.7	0.2
CERTIFIED NURSE MIDWIFE	0	0.0	0.0	0	0.0	0.0	0	0.0	0.0
OTHER ATTENDANT	0	0.0	0.1	0	0.0	0.1	0	0.0	0.0
5. PREMATURE BIRTHS	78	9.0	9.8	20	4.7	5.8	58	13.1	13.8
6. OUT OF WEDLOCK	374	43.2	41.4	62	14.7	14.7	312	70.4	67.6
7. OCCURRENCE									
TOTAL	2778	2.7	2.8	1795	2.6	2.7	983	2.9	2.9
TO RESIDENTS	853	30.7	30.7	414	23.1	22.6	439	44.7	47.2
FETAL & INFANT MORTALITY									
8. PERINATAL DEATHS	19	21.7	18.4	8	18.8	11.7	11	24.5	24.8
9. FETAL DEATHS	10	11.4	9.2	4	9.4	4.9	6	13.4	13.4
ATTENDANT									
PHYSICIAN IN HOSPITAL	10	100.0	100.0	4	100.0	100.0	6	100.0	100.0
PHYSICIAN NOT IN HOSPITAL	0	0.0	0.0	0	0.0	0.0	0	0.0	0.0
CERTIFIED NURSE MIDWIFE	0	0.0	0.0	0	0.0	0.0	0	0.0	0.0
OTHER ATTENDANT	0	0.0	0.0	0	0.0	0.0	0	0.0	0.0
OUT OF WEDLOCK	7	70.0	55.3	2	50.0	30.0	5	83.3	64.3
10. NEONATAL (UNDER 28 DAYS)	9	10.4	9.3	4	9.5	6.9	5	11.3	11.6
11. POSTNEONATAL (28 DAYS - 1 YEAR)	4	4.7	4.4	3	7.2	4.5	1	2.3	4.4
12. INFANT DEATHS (UNDER 1 YEAR)	13	15.0	13.7	7	16.6	11.3	6	13.5	16.0
DEATHS (EXCLUDING FETALS)									
13. TOTAL	596			386			210		
MALES	305			201			104		
FEMALES	291			185			106		
14. AGE									
00-04 YEARS	14			7			7		
05-14 YEARS	3			1			2		
15-24 YEARS	9			8			1		
25-34 YEARS	13			8			5		
35-44 YEARS	27			15			12		
45-54 YEARS	38			17			21		
55-64 YEARS	75			44			31		
65 AND OVER	417			286			131		
15. PLACE OF DEATH									
HOSPITAL	368	61.7	62.7	231	59.8	60.6	137	65.2	66.8
OTHER INSTITUTION	95	15.9	15.7	67	17.4	17.7	28	13.3	11.7
HOME OR NON-INSTITUTION	133	22.3	21.7	88	22.8	21.8	45	21.4	21.5
16. OCCURRENCE									
TOTAL	1138	2.0	2.0	810	1.9	1.9	328	2.3	2.3
TO RESIDENTS	520	45.7	49.2	337	41.6	45.7	183	55.8	58.1

* SEE DEFINITIONS AND FORMULAS (SECTION VII)

SELECTED VITAL STATISTICS FOR 1989 AND 1985-1989

WILSON

ITEM	TOTAL NUMBER 1989	TOTAL RATE* 1989	TOTAL RATE* 85-89	WHITE NUMBER 1989	WHITE RATE* 1989	WHITE RATE* 85-89	NONWHITE NUMBER 1989	NONWHITE RATE* 1989	NONWHITE RATE* 85-89
POPULATION									
POPULATION NOT AVAILABLE FOR CITIES (SEE SECTION VI)									
2. NATURAL INCREASE	181			2			179		
LIVE BIRTHS									
3. TOTAL	613			223			390		
MALES	308			107			201		
FEMALES	305			116			189		
4. ATTENDANT									
PHYSICIAN IN HOSPITAL	610	99.5	99.6	222	99.6	99.4	388	99.5	99.7
PHYSICIAN NOT IN HOSPITAL	0	0.0	0.1	0	0.0	0.0	0	0.0	0.1
CERTIFIED NURSE MIDWIFE	2	0.3	0.2	1	0.4	0.4	1	0.3	0.1
OTHER ATTENDANT	1	0.2	0.1	0	0.0	0.2	1	0.3	0.1
5. PREMATURE BIRTHS	67	10.9	10.8	15	6.7	7.6	52	13.3	12.7
6. OUT OF WEDLOCK	287	46.8	45.3	25	11.2	9.2	262	67.2	66.5
7. OCCURRENCE									
TOTAL	1289	1.3	1.2	695	1.0	1.0	594	1.8	1.7
TO RESIDENTS	566	43.9	43.8	196	28.2	28.8	370	62.3	61.6
FETAL & INFANT MORTALITY									
8. PERINATAL DEATHS	9	14.6	16.1	2	9.0	15.8	7	17.7	16.2
9. FETAL DEATHS	5	8.1	9.1	0	0.0	7.9	5	12.7	9.9
ATTENDANT									
PHYSICIAN IN HOSPITAL	5	100.0	96.0	0		100.0	5	100.0	94.1
PHYSICIAN NOT IN HOSPITAL	0	0.0	4.0	0		0.0	0	0.0	5.9
CERTIFIED NURSE MIDWIFE	0	0.0	0.0	0		0.0	0	0.0	0.0
OTHER ATTENDANT	0	0.0	0.0	0		0.0	0	0.0	0.0
OUT OF WEDLOCK	4	80.0	60.0	0		25.0	4	80.0	76.5
10. NEONATAL (UNDER 28 DAYS)	4	6.5	7.0	2	9.0	8.0	2	5.1	6.4
11. POSTNEONATAL (28 DAYS - 1 YEAR)	4	6.6	3.7	0	0.0	2.0	4	10.3	4.7
12. INFANT DEATHS (UNDER 1 YEAR)	8	13.1	10.7	2	9.0	10.0	6	15.4	11.1
DEATHS (EXCLUDING FETALS)									
13. TOTAL	432			221			211		
MALES	219			104			115		
FEMALES	213			117			96		
14. AGE									
00-04 YEARS	9			2			7		
05-14 YEARS	2			0			2		
15-24 YEARS	3			3			0		
25-34 YEARS	14			3			11		
35-44 YEARS	17			1			16		
45-54 YEARS	35			12			23		
55-64 YEARS	57			21			36		
65 AND OVER	295			179			116		
15. PLACE OF DEATH									
HOSPITAL	284	65.7	64.7	138	62.4	63.3	146	69.2	66.6
OTHER INSTITUTION	81	18.8	18.7	53	24.0	21.9	28	13.3	14.5
HOME OR NON-INSTITUTION	67	15.5	16.6	30	13.6	14.7	37	17.5	19.0
16. OCCURRENCE									
TOTAL	703	1.2	1.2	416	1.0	1.1	287	2.0	1.8
TO RESIDENTS	365	51.9	50.3	188	45.2	44.3	177	61.7	61.0

* SEE DEFINITIONS AND FORMULAS (SECTION VII)

SELECTED VITAL STATISTICS FOR 1989 AND 1985-1989

WINSTON SALEM

ITEM	TOTAL			WHITE			NONWHITE		
	NUMBER 1989	RATE* 1989	RATE* 85-89	NUMBER 1989	RATE* 1989	RATE* 85-89	NUMBER 1989	RATE* 1989	RATE* 85-89
POPULATION									
				POPULATION NOT AVAILABLE FOR CITIES (SEE SECTION VI)					
2. NATURAL INCREASE	828			201			627		
LIVE BIRTHS									
3. TOTAL	2439			1188			1251		
MALES	1249			605			644		
FEMALES	1190			583			607		
4. ATTENDANT									
PHYSICIAN IN HOSPITAL	2407	98.7	98.8	1160	97.6	97.8	1247	99.7	99.7
PHYSICIAN NOT IN HOSPITAL	1	0.0	0.0	0	0.0	0.0	1	0.1	0.0
CERTIFIED NURSE MIDWIFE	30	1.2	1.1	28	2.4	2.1	2	0.2	0.2
OTHER ATTENDANT	1	0.0	0.0	0	0.0	0.1	1	0.1	0.0
5. PREMATURE BIRTHS	272	11.2	10.3	75	6.3	6.2	197	15.7	14.1
6. OUT OF WEDLOCK	1012	41.5	38.6	165	13.9	11.1	847	67.7	64.9
7. OCCURRENCE									
TOTAL	5655	5.5	5.5	4076	5.9	5.8	1579	4.7	4.7
TO RESIDENTS	2374	42.0	42.0	1135	27.8	27.8	1239	78.5	79.4
FETAL & INFANT MORTALITY									
8. PERINATAL DEATHS	39	15.9	17.3	15	12.6	11.8	24	19.0	22.4
9. FETAL DEATHS	18	7.3	8.0	7	5.9	5.4	11	8.7	10.4
ATTENDANT									
PHYSICIAN IN HOSPITAL	18	100.0	97.8	7	100.0	100.0	11	100.0	96.7
PHYSICIAN NOT IN HOSPITAL	0	0.0	1.1	0	0.0	0.0	0	0.0	1.7
CERTIFIED NURSE MIDWIFE	0	0.0	0.0	0	0.0	0.0	0	0.0	0.0
OTHER ATTENDANT	0	0.0	1.1	0	0.0	0.0	0	0.0	1.7
OUT OF WEDLOCK	9	50.0	52.2	1	14.3	10.0	8	72.7	73.3
10. NEONATAL (UNDER 28 DAYS)	21	8.6	9.4	8	6.7	6.4	13	10.4	12.2
11. POSTNEONATAL (28 DAYS - 1 YEAR)	14	5.8	5.4	3	2.5	2.6	11	8.9	8.1
12. INFANT DEATHS (UNDER 1 YEAR)	35	14.4	14.7	11	9.3	8.9	24	19.2	20.2
DEATHS (EXCLUDING FETALS)									
13. TOTAL	1611			987			624		
MALES	790			477			313		
FEMALES	821			510			311		
14. AGE									
00-04 YEARS	39			14			25		
05-14 YEARS	7			2			5		
15-24 YEARS	20			9			11		
25-34 YEARS	51			19			32		
35-44 YEARS	65			23			42		
45-54 YEARS	114			53			61		
55-64 YEARS	225			120			105		
65 AND OVER	1090			747			343		
15. PLACE OF DEATH									
HOSPITAL	1058	65.7	65.4	610	61.8	61.8	448	71.8	71.0
OTHER INSTITUTION	244	15.1	15.1	184	18.6	18.6	60	9.6	9.6
HOME OR NON-INSTITUTION	309	19.2	19.5	193	19.6	19.6	116	18.6	19.4
16. OCCURRENCE									
TOTAL	3356	5.8	5.6	2579	5.9	5.8	777	5.5	5.3
TO RESIDENTS	1497	44.6	44.6	910	35.3	35.0	587	75.5	77.4

* SEE DEFINITIONS AND FORMULAS (SECTION VII)

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LEADING CAUSES OF MORTALITY

North Carolina
Vital Statistics
1989—Volume 2

CHES

Center for Health and Environmental Statistics
Division of Statistics and Information Services
N.C. Department of Environment, Health, and Natural Resources

STATE OF NORTH CAROLINA

James G. Martin, Governor

DEPARTMENT OF ENVIRONMENT, HEALTH, AND NATURAL RESOURCES

William W. Cobey, Jr., Secretary

DIVISION OF STATISTICS AND INFORMATION SERVICES

Delton Atkinson, M.S.P.H., M.P.H., Director

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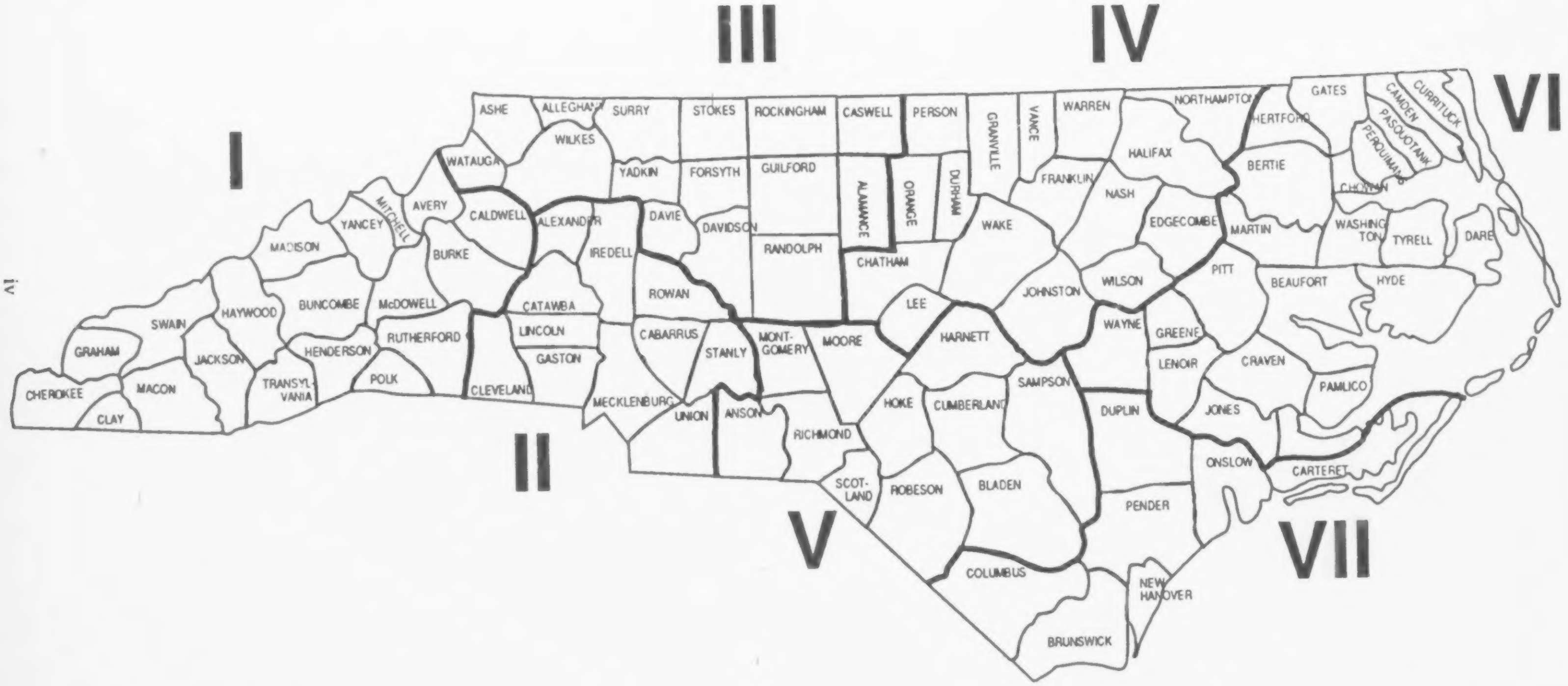

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FIGURE 1

PREFACE

The Center for Health and Environmental Statistics periodically produces a major publication describing North Carolina's mortality experience for a five-year period. The 1988 *Leading Causes of Mortality*, the fourth major publication of this type, included statistical tables, maps, and graphs, as well as an analysis for each leading cause of death in North Carolina. In the interim years, the Center publishes supportive reports of mapped and tabular data only.

This edition of *Leading Causes of Mortality* is a supportive report which should be used in conjunction with the 1988 edition for purposes of health planning and analysis. Another report that can be used is *Detailed Mortality Statistics* which provides annual counts of deaths classified according to detailed underlying causes of death and the age, race, and sex of decedents.

The tables and maps in this report show selected mortality statistics for counties, Department of Environment, Health, and Natural Resources regions, and the state (see map on preceding page). More than a dozen of North Carolina's leading causes of mortality are depicted in these tables and maps. In addition, major site-specific cancers and total infant mortality are also tabled and mapped. Table 1, on page 4-3, describes the selected cause-of-death categories in terms of codes from the *International Classification of Diseases* (Ninth Revision). Altogether, the causes included in this report accounted for 85 percent of all North Carolina deaths during 1989.

As with previous editions, multiple conditions present at death are included in this volume. Five diseases in particular—septicemia, diabetes mellitus, hypertension, atherosclerosis, and nephritis/nephrotic syndrome/nephrosis—are considered associated conditions far more often than they are considered an underlying cause. Hence, Figures 18.A through 22.B display 1985-89 county rates for deaths associated with a mention of each of these diseases. Meanwhile, rates corresponding to these diseases as underlying causes are tabulated but not mapped in this volume.

IN USING THIS VOLUME PLEASE NOTE THE SECTIONS ON *INTERPRETATION OF MORTALITY RATES AND FLAGGING BIASED RATES.*

I. COMPUTATION OF MORTALITY RATES

In this report, total death rates are expressed as resident deaths per 1,000 population, while all cause-specific mortality rates are expressed as resident deaths per 100,000 population. All rates in Tables 1-21 use total population in the denominator, except rates for the sex-specific cancer sites, which use male or female population in the denominator. The infant mortality rates of Table 21 and Figure 17 are computed as the number of resident deaths under one year of age per 1,000 resident live births. Population bases for the rates of this report were provided by the Office of State Budget and Management in the Governor's Office.

Vital events in this report are allocated to place of residence. For deaths of inmates of long-term institutions (mental, penal, old age, orphan, nursing home, rest home, etc.), the institution is considered the usual residence provided the decedent had resided in the institution at least one year. College students and military personnel are considered residents of the college or military community.

The following definitions apply to the rates of this report:

Unadjusted Annual Death Rate: the annual death rate computed as resident deaths per 1,000 or 100,000 population. These rates permit the user knowledge of an area's status with respect to the observed incidence of mortality during the given year.

Unadjusted 5-Year Death Rate: the average annual death rate computed as average resident deaths per 1,000 or 100,000 average population. These rates permit the user knowledge of an area's status with respect to the observed incidence of mortality during the five-year period. These rates are depicted in the Series A maps (e.g., Figures 2.A, 3.A, etc.).

Adjusted 5-Year Death Rate: the average annual age-race-sex-adjusted rates computed by the direct method. Also expressed as deaths per 1,000 or 100,000 population, these rates are those which **would be expected** if the average annual age, race, and sex composition of each county's population were the same as that estimated for the state. These rates are free of differing effects of age, race, and sex and thus permit the user knowledge of an area's status with respect to other determinants of mortality during the five-year period. However, the user should not compare an adjusted death rate to an unadjusted death rate. Also, adjusted rates for different time periods cannot be directly compared unless they were adjusted by the same standard population. The adjusted rates are depicted in the Series B maps (e.g., Figures 2.B., 3.B., etc.). [Note: For the two sex-specific cancer sites (female breast and prostate), rates are adjusted for age and race, and denominators are sex-specific.]

For the maps, a clustering routine* from the Statistical Analysis System (SAS) was used to group counties that are "most like each other" with respect to their unadjusted rate and then their adjusted rate (1). These maps show five levels of death rates, where level one is the lowest rate interval and level five the highest.

*In 1983 the Center for Health and Environmental Statistics conducted an evaluation of several clustering methods. It was found that the "Average Linkage Method" produced tighter clusters (i.e., clusters with smaller within-cluster variances) than the other methods examined. Consequently, this method is used to cluster county rates in all CHES publications.

II. INTERPRETATION OF MORTALITY RATES

To assess an area's relative mortality conditions during a five-year period, both the unadjusted rate and the adjusted rate can be compared to the state rate for a particular cause of death. One would not do this, of course, if the area's unadjusted rate had fluctuated widely in recent years; that is, the rate should represent a relatively stable situation. Then, the following alternative interpretations will apply:

Relative Status Of		
Unadjusted Rate	**Adjusted Rate**	**Interpretation of Unadjusted Rate**
Low	Low	Low mortality is not due to age, race, and sex factors; other mortality conditions are favorable.
Low	High	Low mortality is due to favorable age, race, and sex factors; other mortality conditions are unfavorable.
High	Low	High mortality is due to unfavorable age, race, and sex factors; other mortality conditions are favorable.
High	High	High mortality is not due to age, race, and sex factors; other mortality conditions are unfavorable.

In using adjusted rates, it is important that the user understand the reason for adjustment. Example: A and B stand for population subgroups, e.g., whites and nonwhites, males and females, etc.

	County			State		
	Population	**Deaths**	**Death Rate***	**Population**	**Deaths**	**Death Rate***
Population A	300,000	1,000	333.3	500,000	2,500	500.0
Population B	10,000	10	100.0	800,000	1,000	125.0
Total	310,000	1,010	325.8	1,300,000	3,500	269.2

*Deaths per 100,000 population.

Compared to the state, county subgroups A and B both have lower rates, but the county as a whole (A and B combined) has a higher rate. This seemingly paradoxical situation results from two factors: different proportions of A and B in the county vs. the state population and wide differences between the rates for A vs. B. In this example, it is true that the county has the higher total rate—BUT ONLY BECAUSE THE POPULATION CONTAINS A HIGH PROPORTION OF SUBGROUP A.

Certainly, it is important for program planners to know that the county has a high rate relative to the state rate; this information is needed in determining manpower, facility, and related needs. But in assessing "risk," the researcher needs to adjust for confounding factors such as age or race. To do this, one multiplies each population-specific county rate by the corresponding "standard" population, sums these results, and divides by the total "standard." In the above example, using the state population as the standard, the computation is:

$$\frac{(1000/300{,}000 \times 500{,}000) + (10/10{,}000 \times 800{,}000)}{1{,}300{,}000} = 0.001897 \text{ or } 189.7 \text{ per } 100{,}000 \text{ population}$$

Thus, as rates specific for A and B imply, the county's rate is lower than the state's rate after adjustment for the factor represented by A and B.

Caution!

In assessing the relative mortality conditions of a county, one should be particularly aware of rates based on small numbers of deaths since, in such cases, random fluctuation in the rate may render rate comparisons risky. The reader should read very carefully the next section entitled "Flagging Biased Rates."

III. FLAGGING BIASED RATES

The age-race-sex-adjusted rates in this publication that have been determined to be biased are flagged with an asterisk (*) to suggest caution in their use. A complete description of the rationale and method for flagging biased rates can be found in the 1988 *Leading Causes of Mortality*. A short summary is provided below.

Any rate with a small number of events (deaths) in the numerator will have substantial random variability over time, or a large standard error. A useful rule of thumb is that any rate based on fewer than 20 events in the numerator may involve serious random error and should be used very cautiously in making comparisons or assessing trends (2). Many of the rates in this volume do have numerators smaller than 20.

In addition to the problem of a large standard error, the age-race-sex-adjusted rates in this volume may be **biased** due to one or more deaths in a small age-race-sex population group. One death out of an estimated population of five, for example, would produce a death rate of 20,000 per 100,000 population. If this rate were applied to the appropriate age-race-sex group of the standard population, a very large number of expected deaths would result and the adjusted rate would be biased. In this volume an adjusted rate is flagged if: a) applying the age-race-sex-specific rates of a county for a given cause to the standard population results in more than 25 percent of the total expected deaths being generated by one cell, and b) the denominator of the rate is also less than 50 (an average of 10 per year). These criteria will catch only the worst problems. Only twenty-nine out of a total of 1,900 county adjusted rates in this volume are flagged by this method.

In addition to putting asterisks by those 1985-89 adjusted rates with a large bias due to an extremely high age-race-sex-specific rate, the rates have been recomputed by substituting the appropriate North Carolina age-race-sex-cause-specific rate in the problem cell. The table on the next page compares the flagged rates with the rates where the state rate has been substituted. The reader who must use one of these flagged rates is advised to use the rate with the substitution instead. If the latter rate is clearly out of line with the North Carolina rate in the last column, the rate should be treated as missing data.

1985-89 Age-Race-Sex-Adjusted Death Rates: Flagged Rates and Rates after Substitution of State Rate in Problem Cells

County	Cause	Problem Cell	Numerator	Denominator	Flagged Rate	Adjusted Rate With Substitution	N.C. Rate For Cause
Alleghany	Cancer of Colon, etc.	NWF 75-84	1	39	24.5	14.6	20.2
Alleghany	Lung Cancer	NWM 55-64	1	35	66.6	48.6	53.8
Alleghany	Chronic Liver Disease	NWF 55-64	1	41	28.0	4.2	10.4
Alleghany	Septicemia	NWF 75-84	1	39	35.7	6.3	9.1
Ashe	Cancer of Colon, etc.	NWM 75-84	1	25	20.1	11.2	20.2
Ashe	Lung Cancer	NWM 65-74	1	36	47.4	35.5	53.8
Ashe	Diabetes	NWF 75-84	1	23	26.3	9.3	17.3
Avery	Cancer	NWF 85+	1	0	335.5	197.9	188.9
Avery	Cancer of Colon, etc.	NWF 65-74	1	21	54.8	17.6	20.2
Avery	Chronic Liver Disease	NWM 55-59	1	48	28.2	13.8	10.4
Clay	Cancer	NWF 75-84	1	8	207.3	159.2	188.9
Dare	Nephritis, etc.	NWM 85+	2	19	13.2	7.0	8.2
Graham	Heart Disease	NWM 75-84	3	5	433.9	301.1	300.6
Graham	Pneumonia and Influenza	NWF 85+	2	5	73.5	18.5	28.1
Graham	Septicemia	NWM 65-74	1	40	21.1	8.0	9.1
Haywood	Nephritis, etc.	NWM 85+	1	44	5.3	4.1	8.2
Hyde	Atherosclerosis	WM 85+	1	49	7.4	3.5	7.4
Hyde	Prostate Cancer	WM 85+	2	49	46.5	29.6	25.6
Hyde	Pneumonia and Influenza	WM 85+	2	49	16.1	9.8	28.1
Hyde	Septicemia	WM 85+	1	49	7.4	3.1	9.1
Macon	Prostate Cancer	NWM 75-84	2	29	56.2	26.3	25.6
Madison	Cancer	NWM 65-74	3	25	240.9	184.7	188.9
Madison	Lung Cancer	NWF 65-74	1	35	62.0	39.8	53.8
Madison	Prostate Cancer	NWM 65-74	1	25	67.1	25.8	25.6
Mitchell	Stroke	NWF 65-74	1	24	82.2	51.3	71.9
Tyrrell	Atherosclerosis	NWF 85+	1	37	3.8	0.4	7.4
Watauga	Pneumonia and Influenza	NWF 85+	1	20	22.7	16.5	28.1
Watauga	Chronic Lung Disease	NWM 75-84	1	26	28.1	19.9	29.1
Yancey	Other Injuries	NWF 65-74	1	33	53.3	29.4	23.9

IV. NORTH CAROLINA MORTALITY HIGHLIGHTS

In the 1988 *Leading Causes of Mortality*, extensive analyses of North Carolina's mortality experience were presented. That volume contains statistical tables, maps, and graphs as well as cause-specific discussions of trends, geographic patterns, risk factors, and recent research. There has been little change in the overall mortality picture since 1988. Therefore, this section will highlight 1989 death rates for selected causes (depicted in Table 1) and recent changes in rates. The reader should consult the 1988 volume for a detailed discussion of each cause.

- Table 1 shows that a total of 57,438 North Carolinians died in 1989, for a crude rate of 8.7 deaths per 1,000 population. The 1989 crude death rate was below the 1988 rate of 8.9 but slightly above the 1987 rate of 8.6. The five-year (1985-89) crude death rate was 8.7.

- The median age at death in 1989 was 72.8 years, down slightly from 72.9 in 1988, but above the 1987 median of 72.6 years. In general, the median age at death has increased steadily over the last three decades.

- In descending order, the ten leading causes of death in 1989 were heart disease, cancer, cerebrovascular disease, unintentional injuries, chronic obstructive pulmonary disease, pneumonia and influenza, diabetes, suicide, chronic liver disease/cirrhosis, and homicide. The order is unchanged from 1988. These causes accounted for 83 percent of total deaths in 1989. The two leading causes—heart disease and cancer—accounted for 56 percent of total deaths.

- The mortality rate for heart disease decreased by nearly four percent, which follows a small decrease (less than two percent) in 1988. Decreases have occurred during six of the last seven years. In 1987, 35 percent of North Carolina deaths were due to heart disease; this dropped to 33 percent in 1989. The reduction in the 1989 total death rate can be attributed primarily to the decrease in heart disease mortality.

- Cancer mortality, which has increased steadily during the last nine years, increased slightly (about one percent) in 1989, following an increase of almost four percent in 1988. Among the four major cancers, prostate cancer increased most (five percent), following a six percent increase in 1988. Cancer of the trachea, bronchus, and lung—which is the most frequently occurring cancer—increased by three percent following an increase of six percent in 1988, while the mortality rate for cancer of the colon, rectum, and anus was essentially unchanged. Cancer of the female breast, which increased by six percent in 1988, decreased slightly (one percent) in 1989. Among the less common cancers, non-Hodgkins lymphoma and leukemia increased by thirteen and seven percent respectively. Rates for stomach, pancreatic, and liver cancers each decreased between seven and eight percent. Cancer of the cervix uteri and of the ovary and other uterine adnexa both decreased by less than one percent. Malignant melanoma (a rare cancer) decreased by 20 percent.

- Of the major diseases presented in Table 1, nephritis/nephrosis displayed the greatest percentage change in rates between 1988 and 1989, with an increase of 13 percent. This follows a slight decrease (one percent) in 1988. Chronic liver disease/cirrhosis increased seven percent after an increase of two percent in 1988. Atherosclerosis showed the largest decrease (12 percent) in 1989, which follows a 20 percent decrease in 1988. Chronic obstructive pulmonary disease, which increased by 16 percent in 1988, decreased nine percent; and septicemia, which decreased 22 percent in 1988, decreased slightly (two percent) in 1989.

- Among the leading causes of death, the homicide rate displayed the greatest percentage change in rate between 1988 and 1989, an increase of 20 percent. This follows modest decreases in 1987 and 1988. The 1989 rate was the highest since 1980.

- The suicide death rate increased ten percent following a modest decline (two percent) in 1988. The 1989 rate was the highest in the past five years.

- The state's infant death rate dropped 8.7 percent in 1989 to 11.5 deaths per 1,000 live births. The high rate in 1988 (the highest in the nation) involved a spike in nonwhite postneonatal deaths attributed to SIDS.

- The above changes reflect increases and decreases in **unadjusted** death rates. After adjusting for changes in the state's age structure over the last decade, the following major percentage changes in mortality **risk** occurred among the leading causes between 1980 and 1989: Total mortality decreased nine percent; two of the three major causes—heart disease and cerebrovascular disease—dropped 20 percent and 30 percent respectively; and mortality from cancer increased by five percent. Cancer of the trachea, bronchus, and lung increased 27 percent, and cancer of the prostate and female breast increased by 11 percent and 12 percent respectively. Substantial increases in age-adjusted rates occurred for chronic obstructive pulmonary disease (19%), diabetes mellitus (23%), and suicide (14%), while unintentional injury and chronic liver disease and cirrhosis each decreased by 15 percent. The rate for atherosclerosis (which is rarely considered an underlying cause) decreased 53 percent, and the 1989 rate for homicide was nine percent less than the 1980 rate.

- Comparing North Carolina's 1988 age-adjusted death rates by race and sex to those of the U.S. (latest year available for the U.S.), the following major percentage excesses are noted for North Carolina:

  Heart Disease: nonwhite males (20%)

  Cerebrovascular Disease: white males (21%), nonwhite males (42%), nonwhite females (30%)

  Atherosclerosis: nonwhite males (55%) and nonwhite females (24%)

  Cancer: nonwhite males (21%)

  Diabetes Mellitus: nonwhite males (42%) and nonwhite females (35%)

  Chronic Liver Disease and Cirrhosis: nonwhite females (49%)

  Unintentional Motor Vehicle Injuries: white females (22%), nonwhite males (61%) and nonwhite females (41%)

  All Other Unintentional Injuries: white females (28%), nonwhite males (57%) and nonwhite females (25%)

  Homicide: nonwhite males (31%)

  For all causes, the age-adjusted death rate for white males exceeded the U.S. rate by five percent; whereas the rate for white females was two percent less than the U.S. rate. Rates for nonwhite males and females exceeded the corresponding U.S. rates by twenty percent and seven percent respectively.

TABLE 1
MORTALITY STATISTICS FOR 1989 AND 1985-89
NORTH CAROLINA RESIDENTS

Cause of Death — Ninth Revision International Classification of Diseases		Number of deaths 1989	Five-Year Total 1985-89	Death Rate 1989	Five-Year Death Rate 1985-89
All Causes		57,438	277,989	8.7	8.7
Diseases of Heart	(390-398,402,404-429)	18,961	96,326	288.6	300.6
Cerebrovascular Disease	(430-438)	4,613	23,032	70.2	71.9
Atherosclerosis	(440)	369	2,381	5.6	7.4
Cancer	(140-208)	12,969	60,536	197.4	188.9
Lip, Oral Cavity, and Pharynx	(140-149)	238	1,094	3.6	3.4
Stomach	(151)	304	1,566	4.6	4.9
Colon, Rectum, and Anus	(153,154)	1,349	6,461	20.5	20.2
Liver	(155)	172	803	2.6	2.5
Pancreas	(157)	624	3,107	9.5	9.7
Larynx	(161)	104	482	1.6	1.5
Trachea, Bronchus, and Lung	(162)	3,843	17,246	58.5	53.8
Malignant Melanoma	(172)	164	859	2.5	2.7
Female Breast	(174)	1,099	5,288	32.2	31.9
Cervix Uteri	(180)	143	727	4.2	4.4
Ovary and Other Uterine Adnexa	(183)	307	1,464	9.0	8.8
Prostate	(185)	891	3,959	28.2	25.6
Bladder	(188)	218	1,046	3.3	3.3
Brain Tumors	(191,225,237)	304	1,539	4.6	4.8
Non-Hodgkins Lymphoma	(200,202)	456	1,890	6.9	5.9
Leukemia	(204-208)	490	2,162	7.5	6.7
Septicemia	(038)	526	2,902	8.0	9.1
Diabetes Mellitus	(250)	1,372	5,539	20.9	17.3
Pneumonia and Influenza	(480-487)	1,900	9,010	28.9	28.1
Chronic Obstructive Pulmonary Disease and Allied Conditions	(490-496)	1,930	9,322	29.4	29.1
Chronic Liver Disease and Cirrhosis	(571)	760	3,338	11.6	10.4
Nephritis, Nephrotic Syndrome, and Nephrosis	(580-589)	535	2,364	8.1	8.2
Unintentional Motor Vehicle Injuries	(810-825)	1,580	7,966	24.1	24.9
All Other Unintentional Injuries and Adverse Effects	(800-807, 826-949)	1,597	7,662	24.3	23.9
Suicide	(950-959)	871	4,003	13.3	12.5
Homicide	(960-978)	704	3,015	10.7	9.4

V. TABLES AND FIGURES: MORTALITY STATISTICS FOR 1985-89

TABLE-2

MORTALITY STATISTICS FOR 1989

NORTH CAROLINA RESIDENTS

TOTAL DEATHS(PER 1000 POPULATION)

GEOGRAPHICAL AREA	NUMBER OF DEATHS 1989	DEATH RATE* 1989	NUMBER OF DEATHS 1985-89	DEATH RATE* 1985-89	ADJUSTED DEATH RATE* 1985-89
NORTH CAROLINA	57438	8.7	277989	8.7	8.7
REGIONS					
D.E.H.N.R. I	7454	10.1	36049	9.9	8.4
D.E.H.N.R. II	11767	8.5	56078	8.4	8.6
D.E.H.N.R. III	11946	8.9	57799	8.8	8.5
D.E.H.N.R. IV	10517	8.3	50738	8.3	8.6
D.E.H.N.R. V	6144	8.4	29994	8.3	9.3
D.E.H.N.R. VI	5876	9.3	29074	9.4	9.2
D.E.H.N.R. VII	3734	7.8	18257	7.9	8.9
COUNTIES					
1 ALAMANCE	1097	10.3	5047	9.7	8.3
2 ALEXANDER	223	8.0	984	7.2	8.2
3 ALLEGHANY	108	10.8	529	10.8	9.2
4 ANSON	282	10.8	1367	10.4	8.7
5 ASHE	240	10.2	1167	10.0	9.0
6 AVERY	162	10.4	699	9.2	12.7
7 BEAUFORT	480	11.4	2414	11.4	10.1
8 BERTIE	238	11.3	1223	11.6	9.6
9 BLADEN	338	10.9	1583	10.3	9.8
10 BRUNSWICK	436	8.5	2040	8.3	8.2
11 BUNCOMBE	1794	10.2	8852	10.3	8.5
12 BURKE	670	8.6	3207	8.4	9.0
13 CABARRUS	881	9.1	4306	9.1	8.5
14 CALDWELL	590	8.3	2877	8.1	8.8
15 CAMDEN	66	10.6	299	10.0	9.1
16 CARTERET	499	9.7	2346	9.4	9.2
17 CASWELL	208	9.4	961	8.6	8.2
18 CATAWBA	1080	9.1	4843	8.4	8.9
19 CHATHAM	331	8.8	1664	9.1	8.1
20 CHEROKEE	217	10.3	1033	10.0	7.4
21 CHOWAN	167	12.3	823	12.2	9.2
22 CLAY	75	10.4	374	10.4	7.2
23 CLEVELAND	835	9.5	4043	9.3	8.9
24 COLUMBUS	558	10.6	2728	10.4	9.8
25 CRAVEN	620	7.5	2836	7.0	8.8
26 CUMBERLAND	1568	6.0	7607	5.9	10.1
27 CURRITUCK	119	8.3	663	9.7	10.0
28 DARE	179	7.9	795	7.9	7.7
29 DAVIDSON	1043	8.3	4957	8.1	8.5
30 DAVIE	227	8.1	1161	8.5	9.1
31 DUPLIN	438	10.4	2221	10.6	9.5
32 DURHAM	1492	8.5	7186	8.5	8.4
33 EDGECOMBE	586	9.9	2900	9.8	9.2
34 FORSYTH	2403	9.0	11672	8.9	8.5
35 FRANKLIN	345	9.6	1654	9.5	7.9
36 GASTON	1669	9.6	7955	9.2	9.6
37 GATES	103	10.4	541	11.2	8.9
38 GRAHAM	82	11.6	369	10.4	10.4
39 GRANVILLE	421	10.7	1924	10.1	9.0
40 GREENE	130	7.9	656	8.0	8.3
41 GUILFORD	2992	8.8	14489	8.7	8.5

* SEE SECTION II

MORTALITY STATISTICS FOR 1989, NORTH CAROLINA RESIDENTS
TOTAL DEATHS(PER 1000 POPULATION) CONT'D.

COUNTIES (CONT'D)	NUMBER OF DEATHS 1989	DEATH RATE* 1989	NUMBER OF DEATHS 1985-89	DEATH RATE* 1985-89	ADJUSTED DEATH RATE* 1985-89
42 HALIFAX	628	11.1	3080	10.9	8.7
43 HARNETT	577	8.6	2919	9.0	9.7
44 HAYWOOD	480	10.0	2525	10.5	8.5
45 HENDERSON	792	11.3	3819	11.2	8.0
46 HERTFORD	259	11.1	1323	11.1	8.6
47 HOKE	192	7.9	799	6.8	8.3
48 HYDE	64	11.3	342	11.8	9.8
49 IREDELL	890	9.6	4151	9.2	8.6
50 JACKSON	244	8.9	1119	8.3	8.2
51 JOHNSTON	773	9.5	3744	9.4	9.4
52 JONES	77	7.8	461	9.3	8.0
53 LEE	385	9.1	1869	9.0	9.2
54 LENOIR	608	10.1	3077	10.2	9.6
55 LINCOLN	390	7.9	1898	8.0	8.8
56 MCDOWELL	358	9.8	1755	9.7	9.0
57 MACON	286	12.0	1318	11.3	9.2
58 MADISON	188	10.8	910	10.5	8.8
59 MARTIN	287	11.0	1426	10.8	9.5
60 MECKLENBURG	3557	7.3	17097	7.4	8.2
61 MITCHELL	162	11.1	799	11.0	7.1
62 MONTGOMERY	202	8.2	1096	9.1	8.1
63 MOORE	641	10.7	3174	11.0	8.6
64 NASH	747	10.2	3524	9.8	9.6
65 NEW HANOVER	997	8.4	5015	8.7	9.1
66 NORTHAMPTON	259	11.8	1325	11.9	9.3
67 ONSLOW	539	4.1	2683	4.3	8.3
68 ORANGE	551	6.1	2557	5.9	7.6
69 PAMLICO	131	12.0	574	10.5	8.5
70 PASQUOTANK	307	9.8	1488	9.8	8.7
71 PENDER	267	9.5	1224	9.3	8.3
72 PERQUIMANS	109	9.7	587	10.9	7.9
73 PERSON	294	9.4	1425	9.2	8.3
74 PITT	804	7.7	4026	8.1	9.3
75 POLK	193	12.8	931	12.7	7.7
76 RANDOLPH	806	7.7	3926	7.8	8.5
77 RICHMOND	516	11.2	2403	10.5	9.5
78 ROBESON	998	9.3	4865	9.1	9.4
79 ROCKINGHAM	885	10.3	4256	9.9	9.4
80 ROWAN	1153	10.7	5440	10.3	8.5
81 RUTHERFORD	604	10.4	2925	10.2	8.5
82 SAMPSON	486	9.6	2576	10.2	9.0
83 SCOTLAND	344	10.0	1605	9.4	10.6
84 STANLY	458	8.8	2402	9.5	8.5
85 STOKES	290	7.6	1425	7.9	8.8
86 SURRY	596	9.5	2993	9.7	8.6
87 SWAIN	144	13.1	679	12.7	9.9
88 TRANSYLVANIA	264	10.0	1156	8.9	7.8
89 TYRRELL	47	11.2	231	11.2	9.4
90 UNION	631	7.3	2959	7.2	8.6
91 VANCE	480	12.2	2158	11.1	9.7
92 WAKE	2357	5.9	11397	6.1	8.0
93 WARREN	194	11.7	1039	12.6	8.9
94 WASHINGTON	145	10.0	715	9.8	9.9
95 WATAUGA	203	5.8	1099	6.4	7.1
96 WAYNE	936	9.3	4574	9.3	10.2
97 WILKES	527	8.6	2620	8.6	8.7
98 WILSON	674	10.2	3292	10.1	10.0
99 YADKIN	321	10.5	1497	10.0	8.5
100 YANCEY	149	9.3	702	8.8	6.9

* SEE SECTION II

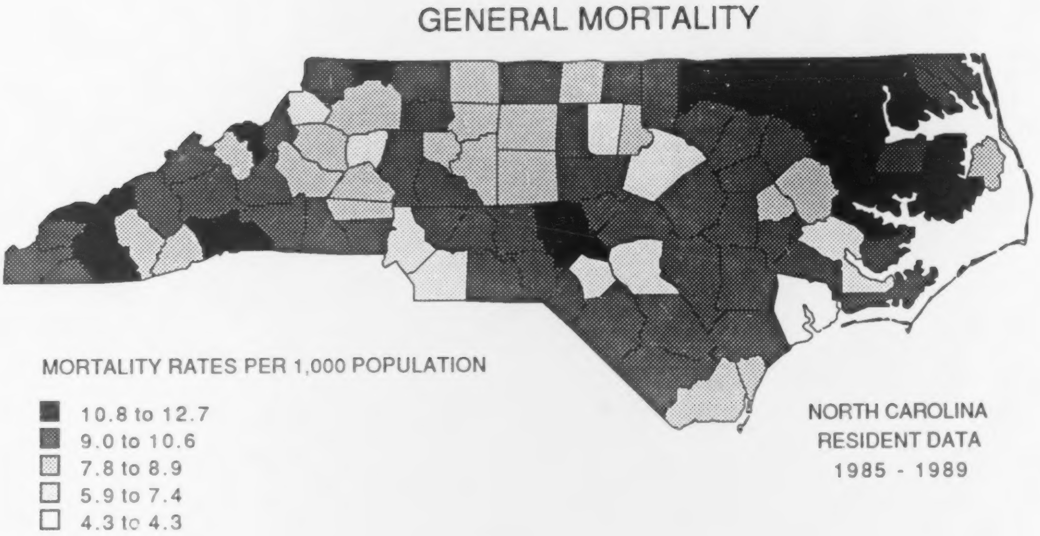

GENERAL MORTALITY
MORTALITY RATES PER 1,000 POPULATION
■ 10.8 to 12.7
▩ 9.0 to 10.6
▨ 7.8 to 8.9
☐ 5.9 to 7.4
☐ 4.3 to 4.3
NORTH CAROLINA
RESIDENT DATA
1985 - 1989

FIGURE 2.A

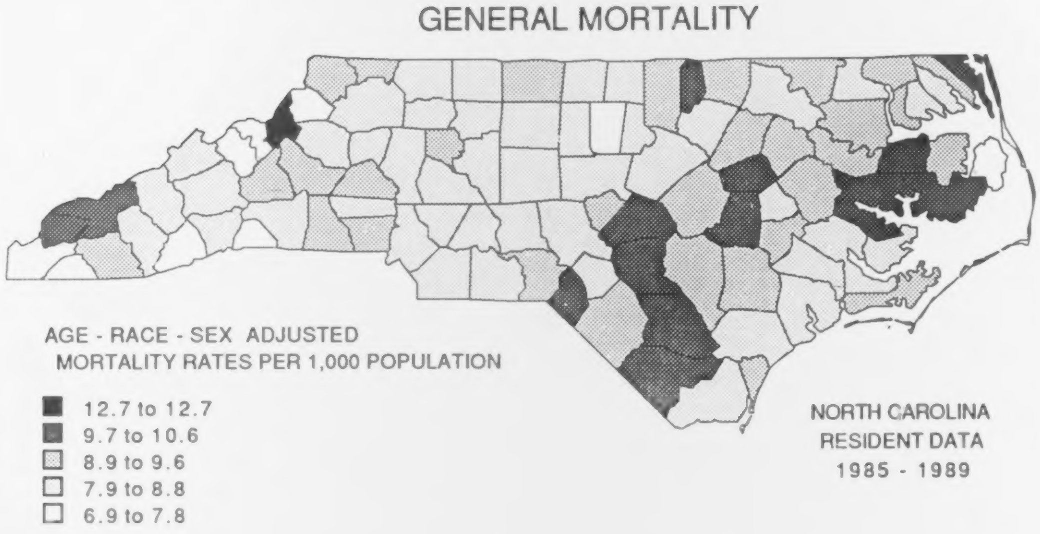

GENERAL MORTALITY
AGE - RACE - SEX ADJUSTED
MORTALITY RATES PER 1,000 POPULATION
■ 12.7 to 12.7
▩ 9.7 to 10.6
▨ 8.9 to 9.6
☐ 7.9 to 8.8
☐ 6.9 to 7.8
NORTH CAROLINA
RESIDENT DATA
1985 - 1989

FIGURE 2.B

TABLE-3

MORTALITY STATISTICS FOR 1989

NORTH CAROLINA RESIDENTS

DISEASES OF THE HEART

GEOGRAPHICAL AREA	NUMBER OF DEATHS 1989	DEATH RATE* 1989	NUMBER OF DEATHS 1985-89	DEATH RATE* 1985-89	ADJUSTED DEATH RATE* 1985-89
NORTH CAROLINA	18961	288.6	96326	300.6	300.6
REGIONS					
D.E.H.N.R. I	2545	343.7	12838	352.3	281.1
D.E.H.N.R. II	4026	291.8	19908	297.8	304.8
D.E.H.N.R. III	3854	287.8	19934	302.8	289.7
D.E.H.N.R. IV	3363	265.4	17122	279.9	296.5
D.E.H.N.R. V	2038	277.2	10300	285.3	331.3
D.E.H.N.R. VI	1915	303.6	10118	326.8	327.1
D.E.H.N.R. VII	1220	256.1	6106	264.5	303.6
COUNTIES					
1 ALAMANCE	347	324.4	1743	333.3	280.0
2 ALEXANDER	74	264.0	372	272.9	308.7
3 ALLEGHANY	39	390.3	169	344.8	278.1
4 ANSON	94	358.5	525	400.2	323.8
5 ASHE	96	408.8	453	387.3	277.4
6 AVERY	59	380.5	274	360.9	507.1
7 BEAUFORT	163	385.9	865	409.3	361.0
8 BERTIE	71	338.0	421	398.3	344.1
9 BLADEN	126	406.3	564	365.3	361.2
10 BRUNSWICK	146	283.3	709	288.8	287.7
11 BUNCOMBE	566	322.4	2921	340.3	269.1
12 BURKE	259	333.1	1247	325.4	348.0
13 CABARRUS	312	320.7	1513	319.7	291.9
14 CALDWELL	202	282.7	1019	287.8	300.8
15 CAMDEN	26	417.9	100	334.7	299.6
16 CARTERET	160	310.9	857	341.7	323.6
17 CASWELL	67	301.8	332	298.3	294.8
18 CATAWBA	367	309.9	1775	307.0	316.8
19 CHATHAM	103	275.0	590	324.4	283.2
20 CHEROKEE	79	373.6	402	387.3	247.5
21 CHOWAN	53	390.2	260	386.1	292.0
22 CLAY	25	347.7	136	378.7	276.7
23 CLEVELAND	328	373.7	1593	367.7	343.4
24 COLUMBUS	195	369.9	1000	381.1	358.7
25 CRAVEN	205	248.4	946	233.8	308.7
26 CUMBERLAND	451	171.1	2436	189.6	369.2
27 CURRITUCK	48	335.5	237	346.9	359.7
28 DARE	47	206.2	248	247.4	238.1
29 DAVIDSON	369	293.7	1796	292.7	303.4
30 DAVIE	82	294.1	414	302.6	314.5
31 DUPLIN	146	346.9	774	371.1	332.5
32 DURHAM	431	246.9	2262	268.5	271.4
33 EDGECOMBE	198	334.0	952	321.4	313.1
34 FORSYTH	731	274.1	3853	292.7	278.4
35 FRANKLIN	121	336.1	609	351.3	290.2
36 GASTON	629	361.0	3141	363.3	380.2
37 GATES	33	333.3	182	376.6	284.5
38 GRAHAM	31	436.8	139	390.9	433.9*
39 GRANVILLE	128	324.5	655	343.2	312.5
40 GREENE	44	267.0	240	291.3	329.9
41 GUILFORD	900	265.4	4706	282.5	273.8

* SEE SECTION II

MORTALITY STATISTICS FOR 1989, NORTH CAROLINA RESIDENTS
DISEASES OF THE HEART CONT'D.

COUNTIES (CONT'D)	NUMBER OF DEATHS 1989	DEATH RATE* 1989	NUMBER OF DEATHS 1985-89	DEATH RATE* 1985-89	ADJUSTED DEATH RATE* 1985-89
42 HALIFAX	191	336.5	1087	385.0	319.1
43 HARNETT	188	280.6	999	306.9	335.9
44 HAYWOOD	167	347.7	940	390.4	301.7
45 HENDERSON	267	379.4	1341	394.0	254.1
46 HERTFORD	74	315.9	453	381.0	295.2
47 HOKE	67	276.3	278	236.2	294.9
48 HYDE	22	387.5	116	400.5	326.5
49 IREDELL	301	325.2	1480	329.0	303.0
50 JACKSON	67	244.6	385	285.4	274.7
51 JOHNSTON	294	360.7	1460	368.0	366.2
52 JONES	23	231.8	140	283.6	249.2
53 LEE	139	327.2	695	334.9	345.2
54 LENOIR	207	345.0	1130	374.9	354.4
55 LINCOLN	134	271.2	692	292.1	313.5
56 MCDOWELL	125	343.1	640	352.5	299.5
57 MACON	93	390.0	466	399.7	220.3
58 MADISON	64	368.8	314	363.3	244.2
59 MARTIN	90	345.3	496	376.1	346.1
60 MECKLENBURG	1093	225.0	5477	235.9	269.2
61 MITCHELL	67	458.4	285	391.0	225.0
62 MONTGOMERY	69	281.1	388	321.7	281.5
63 MOORE	206	342.9	1073	372.6	277.8
64 NASH	230	312.7	1233	341.8	338.9
65 NEW HANOVER	320	268.9	1638	282.7	298.7
66 NORTHAMPTON	79	359.5	442	395.9	331.4
67 ONSLOW	163	123.9	727	115.3	257.7
68 ORANGE	161	177.1	757	174.8	232.0
69 PAMLICO	48	438.3	195	356.4	277.9
70 PASQUOTANK	100	318.1	592	389.0	341.4
71 PENDER	90	321.6	401	305.9	271.7
72 PERQUIMANS	28	248.5	179	332.5	232.1
73 PERSON	92	292.8	508	328.3	290.9
74 PITT	239	230.1	1311	262.2	317.1
75 POLK	67	445.5	327	445.9	262.1
76 RANDOLPH	260	249.1	1389	275.5	289.4
77 RICHMOND	178	387.6	834	364.0	327.9
78 ROBESON	336	312.2	1661	310.4	333.0
79 ROCKINGHAM	295	342.0	1547	360.2	336.9
80 ROWAN	406	375.8	1904	361.1	289.1
81 RUTHERFORD	217	372.7	1109	385.9	306.3
82 SAMPSON	180	354.7	947	374.4	334.3
83 SCOTLAND	143	415.9	595	348.6	411.3
84 STANLY	169	326.0	876	345.1	296.7
85 STOKES	99	266.7	538	297.4	336.7
86 SURRY	213	340.9	1073	347.7	291.0
87 SWAIN	67	607.7	289	539.7	383.5
88 TRANSYLVANIA	82	311.4	379	292.2	233.0
89 TYRRELL	18	429.0	94	455.3	376.5
90 UNION	213	246.5	1085	264.5	318.4
91 VANCE	175	446.2	803	412.1	365.6
92 WAKE	716	178.9	3595	190.9	262.3
93 WARREN	62	373.3	356	430.8	318.3
94 WASHINGTON	57	392.9	252	346.2	360.3
95 WATAUGA	60	170.2	395	228.3	265.5
96 WAYNE	319	318.0	1661	336.8	383.9
97 WILKES	190	310.7	987	323.4	315.4
98 WILSON	243	368.4	1118	343.2	345.3
99 YADKIN	106	347.1	539	359.9	294.7
100 YANCEY	41	256.2	225	283.2	213.5

* SEE SECTION II

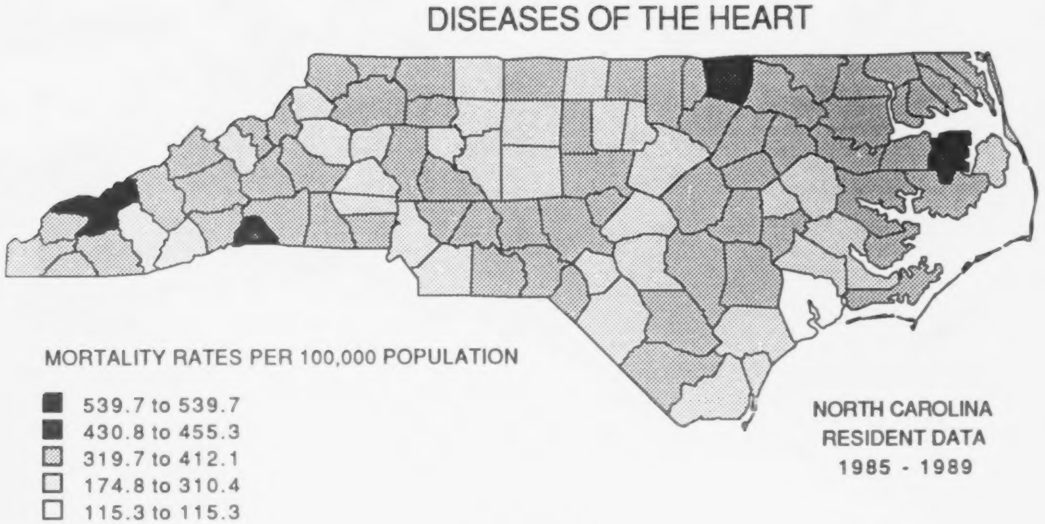

DISEASES OF THE HEART
MORTALITY RATES PER 100,000 POPULATION
■ 539.7 to 539.7
■ 430.8 to 455.3
▨ 319.7 to 412.1
☐ 174.8 to 310.4
☐ 115.3 to 115.3
NORTH CAROLINA
RESIDENT DATA
1985 - 1989

FIGURE 3.A

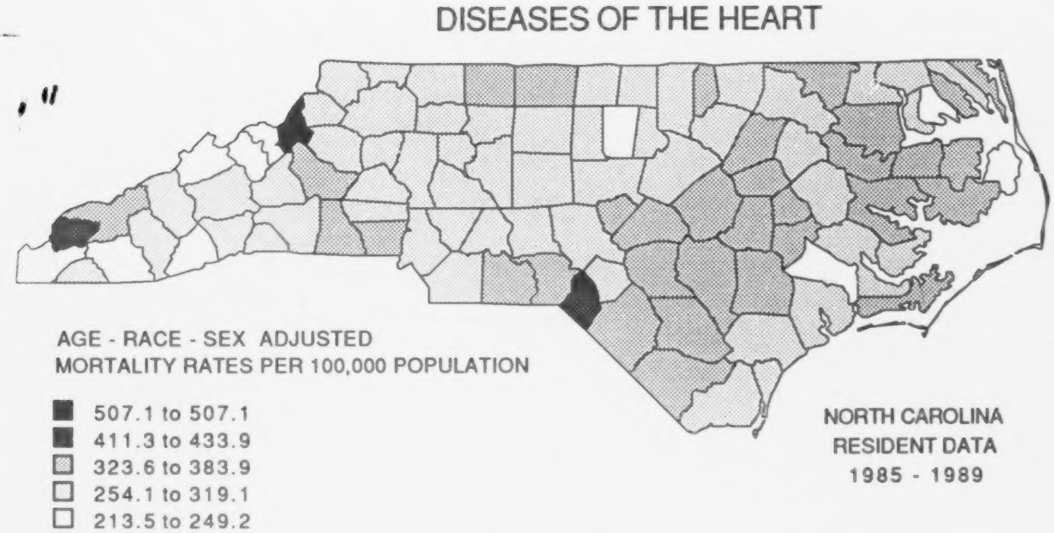

DISEASES OF THE HEART
AGE - RACE - SEX ADJUSTED
MORTALITY RATES PER 100,000 POPULATION
■ 507.1 to 507.1
■ 411.3 to 433.9
▨ 323.6 to 383.9
☐ 254.1 to 319.1
☐ 213.5 to 249.2
NORTH CAROLINA
RESIDENT DATA
1985 - 1989

FIGURE 3.B

TABLE-4

MORTALITY STATISTICS FOR 1989

NORTH CAROLINA RESIDENTS

CEREBROVASCULAR

GEOGRAPHICAL AREA	NUMBER OF DEATHS 1989	DEATH RATE* 1989	NUMBER OF DEATHS 1985-89	DEATH RATE* 1985-89	ADJUSTED DEATH RATE* 1985-89
NORTH CAROLINA	4613	70.2	23032	71.9	71.9
REGIONS					
D.E.H.N.R. I	566	76.4	2888	79.3	64.4
D.E.H.N.R. II	864	62.6	4454	66.6	69.6
D.E.H.N.R. III	992	74.1	4833	73.4	70.5
D.E.H.N.R. IV	875	69.0	4193	68.5	70.2
D.E.H.N.R. V	511	69.5	2571	71.2	81.7
D.E.H.N.R. VI	503	79.8	2520	81.4	78.2
D.E.H.N.R. VII	302	63.4	1573	68.1	79.5
COUNTIES					
1 ALAMANCE	83	77.6	374	71.5	61.0
2 ALEXANDER	15	53.5	56	41.1	42.2
3 ALLEGHANY	9	90.1	50	102.0	71.2
4 ANSON	34	129.7	126	96.0	73.9
5 ASHE	18	76.6	87	74.4	61.5
6 AVERY	4	25.8	33	43.5	35.0
7 BEAUFORT	36	85.2	216	102.2	88.0
8 BERTIE	23	109.5	123	116.4	91.6
9 BLADEN	27	87.1	135	87.4	81.3
10 BRUNSWICK	33	64.0	138	56.2	57.9
11 BUNCOMBE	131	74.6	779	90.8	71.2
12 BURKE	32	41.2	200	52.2	56.6
13 CABARRUS	65	66.8	361	76.3	72.3
14 CALDWELL	38	53.2	206	58.2	62.3
15 CAMDEN	5	80.4	22	73.6	65.5
16 CARTERET	44	85.5	165	65.8	73.4
17 CASWELL	25	112.6	92	82.7	77.9
18 CATAWBA	76	64.2	349	60.4	67.2
19 CHATHAM	20	53.4	129	70.9	60.1
20 CHEROKEE	10	47.3	73	70.3	47.0
21 CHOWAN	22	162.0	102	151.5	105.6
22 CLAY	5	69.5	25	69.6	43.7
23 CLEVELAND	51	58.1	274	63.2	60.8
24 COLUMBUS	43	81.6	253	96.4	92.1
25 CRAVEN	56	67.9	234	57.8	76.5
26 CUMBERLAND	124	47.1	566	44.1	90.6
27 CURRITUCK	2	14.0	38	55.6	59.8
28 DARE	10	43.9	54	53.9	52.2
29 DAVIDSON	88	70.0	374	60.9	67.3
30 DAVIE	13	46.6	79	57.8	69.9
31 DUPLIN	41	97.4	210	100.7	83.9
32 DURHAM	104	59.6	510	60.5	56.9
33 EDGECOMBE	49	82.7	300	101.3	93.6
34 FORSYTH	207	77.6	964	73.2	68.2
35 FRANKLIN	42	116.7	163	94.0	76.0
36 GASTON	148	84.9	675	78.1	82.2
37 GATES	11	111.1	36	74.5	60.2
38 GRAHAM	8	112.7	23	64.7	46.3
39 GRANVILLE	44	111.5	189	99.0	81.9
40 GREENE	13	78.9	54	65.5	63.4
41 GUILFORD	252	74.3	1298	77.9	73.7

* SEE SECTION II

MORTALITY STATISTICS FOR 1989, NORTH CAROLINA RESIDENTS
CEREBROVASCULAR CONT'D.

COUNTIES (CONT'D)	NUMBER OF DEATHS 1989	DEATH RATE* 1989	NUMBER OF DEATHS 1985-89	DEATH RATE* 1985-89	ADJUSTED DEATH RATE* 1985-89
42 HALIFAX	67	118.0	292	103.4	76.0
43 HARNETT	41	61.2	216	66.3	73.1
44 HAYWOOD	35	72.9	190	78.9	63.9
45 HENDERSON	64	90.9	328	96.4	59.6
46 HERTFORD	28	119.5	109	91.7	65.3
47 HOKE	12	49.5	53	45.0	48.9
48 HYDE	6	105.7	41	141.5	101.5
49 IREDELL	64	69.2	356	79.1	72.9
50 JACKSON	18	65.7	74	54.9	49.8
51 JOHNSTON	71	87.1	300	75.6	76.0
52 JONES	6	60.5	46	93.2	74.0
53 LEE	30	70.6	123	59.3	60.7
54 LENOIR	50	83.3	278	92.2	84.1
55 LINCOLN	46	93.1	198	83.6	92.3
56 MCDOWELL	34	93.3	161	88.7	91.4
57 MACON	22	92.2	86	73.8	53.3
58 MADISON	22	126.8	107	123.8	108.7
59 MARTIN	24	92.1	133	100.8	78.5
60 MECKLENBURG	220	45.3	1204	51.9	58.9
61 MITCHELL	15	102.6	65	89.2	82.2*
62 MONTGOMERY	18	73.3	89	73.8	63.3
63 MOORE	67	111.5	307	106.6	81.0
64 NASH	61	82.9	291	80.7	79.0
65 NEW HANOVER	93	78.2	526	90.8	96.8
66 NORTHAMPTON	23	104.7	130	116.4	75.9
67 ONSLOW	31	23.6	175	27.8	66.6
68 ORANGE	35	38.5	180	41.6	54.9
69 PAMLICO	15	137.0	55	100.5	78.4
70 PASQUOTANK	31	98.6	101	66.4	56.9
71 PENDER	17	60.8	106	80.9	72.4
72 PERQUIMANS	8	71.0	55	102.2	69.7
73 PERSON	28	89.1	129	83.4	75.1
74 PITT	68	65.5	367	73.4	82.9
75 POLK	18	119.7	74	100.9	52.4
76 RANDOLPH	59	56.5	345	68.4	75.6
77 RICHMOND	46	100.2	229	100.0	89.3
78 ROBESON	80	74.3	428	80.0	83.9
79 ROCKINGHAM	82	95.1	395	92.0	87.3
80 ROWAN	95	87.9	525	99.6	79.4
81 RUTHERFORD	56	96.2	273	95.0	75.8
82 SAMPSON	44	86.7	273	107.9	93.8
83 SCOTLAND	18	52.3	149	87.3	98.3
84 STANLY	35	67.5	247	97.3	88.9
85 STOKES	27	72.7	113	62.5	74.3
86 SURRY	51	81.6	239	77.4	68.0
87 SWAIN	13	117.9	46	85.9	63.8
88 TRANSYLVANIA	16	60.8	79	60.9	40.5
89 TYRRELL	6	143.0	24	116.3	101.1
90 UNION	49	56.7	209	51.0	63.9
91 VANCE	31	79.0	138	70.8	52.5
92 WAKE	185	46.2	891	47.3	66.0
93 WARREN	16	96.3	89	107.7	52.8
94 WASHINGTON	11	75.8	46	63.2	74.6
95 WATAUGA	19	53.9	87	50.3	59.2
96 WAYNE	72	71.8	386	78.3	85.4
97 WILKES	40	65.4	223	73.1	83.2
98 WILSON	69	104.6	339	104.1	102.0
99 YADKIN	19	62.2	113	75.5	62.0
100 YANCEY	25	156.2	66	83.1	49.5

* SEE SECTION II

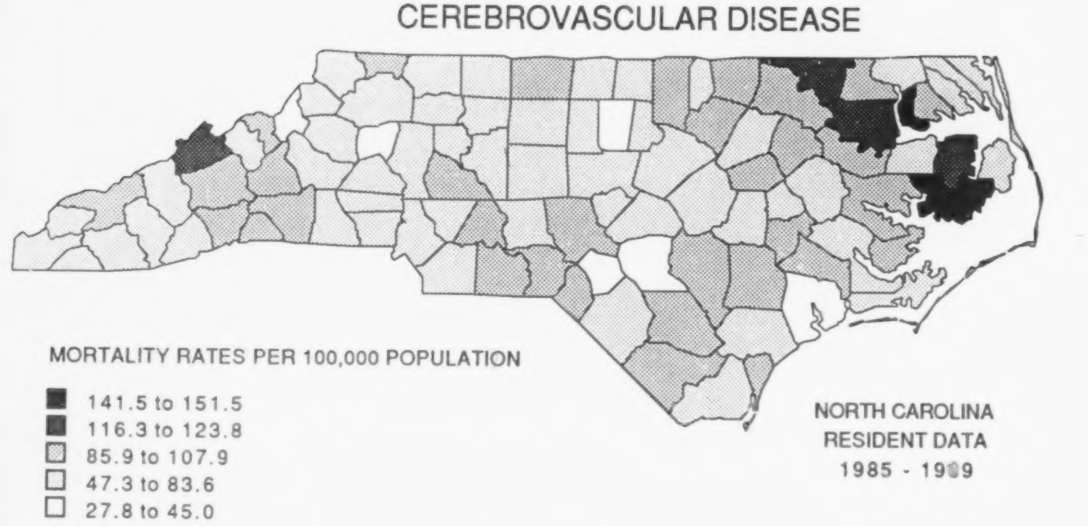

CEREBROVASCULAR DISEASE
MORTALITY RATES PER 100,000 POPULATION
141.5 to 151.5
116.3 to 123.8
85.9 to 107.9
47.3 to 83.6
27.8 to 45.0
NORTH CAROLINA
RESIDENT DATA
1985 - 1989

FIGURE 4.A

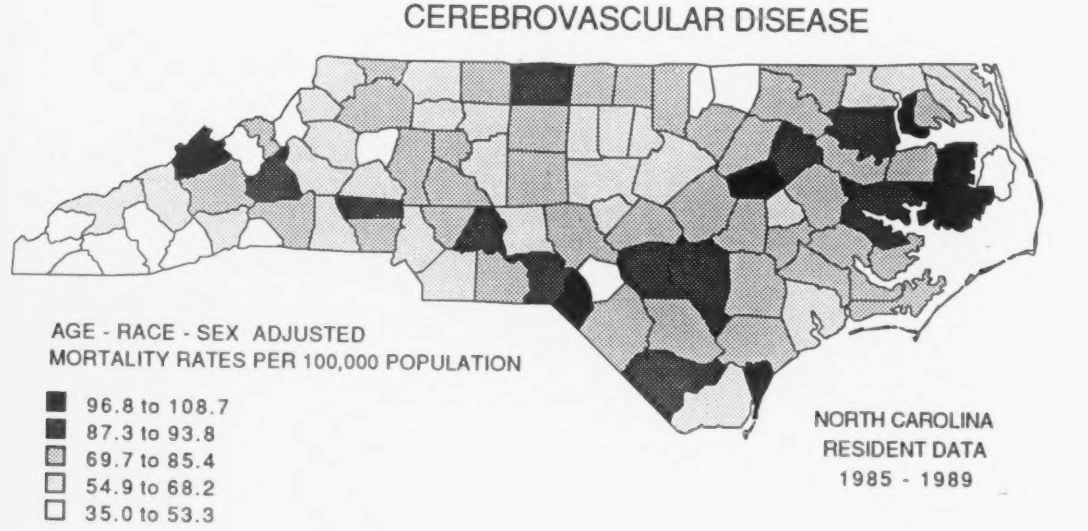

CEREBROVASCULAR DISEASE
AGE - RACE - SEX ADJUSTED
MORTALITY RATES PER 100,000 POPULATION
96.8 to 108.7
87.3 to 93.8
69.7 to 85.4
54.9 to 68.2
35.0 to 53.3
NORTH CAROLINA
RESIDENT DATA
1985 - 1989

FIGURE 4.B

TABLE-5

MORTALITY STATISTICS FOR 1989

NORTH CAROLINA RESIDENTS

ATHEROSCLEROSIS

GEOGRAPHICAL AREA	NUMBER OF DEATHS 1989	DEATH RATE* 1989	NUMBER OF DEATHS 1985-89	DEATH RATE* 1985-89	ADJUSTED DEATH RATE* 1985-89
NORTH CAROLINA	369	5.6	2381	7.4	7.4
REGIONS					
D.E.H.N.R. I	47	6.3	340	9.3	7.3
D.E.H.N.R. II	71	5.1	432	6.5	6.6
D.E.H.N.R. III	69	5.2	472	7.2	6.7
D.E.H.N.R. IV	76	6.2	488	8.0	8.3
D.E.H.N.R. V	32	4.4	232	6.4	7.5
D.E.H.N.R. VI	47	7.5	273	8.8	9.4
D.E.H.N.R. VII	25	5.2	144	6.2	7.5
COUNTIES					
1 ALAMANCE	7	6.5	62	11.9	10.1
2 ALEXANDER	1	3.6	6	4.4	4.3
3 ALLEGHANY	0	0.0	4	8.2	4.9
4 ANSON	0	0.0	4	3.0	2.1
5 ASHE	3	12.8	12	10.3	5.7
6 AVERY	0	0.0	1	1.3	1.1
7 BEAUFORT	1	2.4	9	4.3	3.7
8 BERTIE	1	4.8	9	8.5	8.3
9 BLADEN	3	9.7	19	12.3	11.8
10 BRUNSWICK	1	1.9	11	4.5	5.0
11 BUNCOMBE	12	6.8	110	12.8	10.0
12 BURKE	2	2.6	14	3.7	3.7
13 CABARRUS	4	4.1	16	3.4	2.8
14 CALDWELL	4	5.6	20	5.6	5.2
15 CAMDEN	2	32.1	5	16.7	13.8
16 CARTERET	0	0.0	4	1.6	1.2
17 CASWELL	2	9.0	6	5.4	4.6
18 CATAWBA	8	6.8	28	4.8	5.0
19 CHATHAM	0	0.0	17	9.3	7.6
20 CHEROKEE	1	4.7	2	1.9	1.2
21 CHOWAN	2	14.7	14	20.8	14.9
22 CLAY	0	0.0	3	8.4	3.5
23 CLEVELAND	4	4.6	27	6.2	5.9
24 COLUMBUS	2	3.8	11	4.2	3.6
25 CRAVEN	7	8.5	31	7.7	9.7
26 CUMBERLAND	4	1.5	39	3.0	6.7
27 CURRITUCK	0	0.0	4	5.9	6.5
28 DARE	3	13.2	17	17.0	16.0
29 DAVIDSON	4	3.2	39	6.4	7.2
30 DAVIE	1	3.6	5	3.7	4.2
31 DUPLIN	9	21.4	34	16.3	14.9
32 DURHAM	21	12.0	142	16.9	15.6
33 EDGECOMBE	5	8.4	26	8.8	9.3
34 FORSYTH	10	3.7	63	4.8	4.5
35 FRANKLIN	1	2.8	5	2.9	2.7
36 GASTON	2	1.1	46	5.3	5.7
37 GATES	1	10.1	5	10.3	7.6
38 GRAHAM	0	0.0	4	11.2	8.1
39 GRANVILLE	4	10.1	16	8.4	7.6
40 GREENE	0	0.0	2	2.4	3.1
41 GUILFORD	23	6.8	166	10.0	9.2

* SEE SECTION II

MORTALITY STATISTICS FOR 1989, NORTH CAROLINA RESIDENTS
ATHEROSCLEROSIS CONT'D.

COUNTIES (CONT'D)	NUMBER OF DEATHS 1989	DEATH RATE* 1989	NUMBER OF DEATHS 1985-89	DEATH RATE* 1985-89	ADJUSTED DEATH RATE* 1985-89
42 HALIFAX	3	5.3	32	11.3	8.4
43 HARNETT	1	1.5	13	4.0	4.6
44 HAYWOOD	3	6.2	19	7.9	8.2
45 HENDERSON	3	4.3	29	8.5	6.5
46 HERTFORD	2	8.5	10	8.4	7.9
47 HOKE	1	4.1	6	5.1	2.8
48 HYDE	0	0.0	2	6.9	7.4*
49 IREDELL	5	5.4	30	6.7	6.0
50 JACKSON	2	7.3	13	9.6	7.8
51 JOHNSTON	4	4.9	24	6.0	6.2
52 JONES	1	10.1	5	10.1	9.0
53 LEE	3	7.1	19	9.2	9.5
54 LENOIR	10	16.7	46	15.3	15.0
55 LINCOLN	3	6.1	18	7.6	10.8
56 MCDOWELL	6	16.5	26	14.3	10.7
57 MACON	1	4.2	11	9.4	4.8
58 MADISON	1	5.8	7	8.1	4.7
59 MARTIN	0	0.0	9	6.8	6.5
60 MECKLENBURG	24	4.9	141	6.1	7.0
61 MITCHELL	1	6.8	5	6.9	3.6
62 MONTGOMERY	0	0.0	5	4.1	3.4
63 MOORE	9	15.0	46	16.0	11.8
64 NASH	1	1.4	13	3.6	3.8
65 NEW HANOVER	12	10.1	60	10.4	11.3
66 NORTHAMPTON	4	18.2	22	19.7	14.6
67 ONSLOW	1	0.8	18	2.9	7.6
68 ORANGE	6	6.6	38	8.8	11.3
69 PAMLICO	1	9.1	2	3.7	2.3
70 PASQUOTANK	2	6.4	8	5.3	4.5
71 PENDER	0	0.0	6	4.6	5.3
72 PERQUIMANS	4	35.5	26	48.3	35.3
73 PERSON	1	3.2	10	6.5	6.1
74 PITT	3	2.9	18	3.6	5.0
75 POLK	2	13.3	11	15.0	6.5
76 RANDOLPH	1	1.0	16	3.2	3.9
77 RICHMOND	4	8.7	26	11.3	9.5
78 ROBESON	8	7.4	54	10.1	12.2
79 ROCKINGHAM	2	2.3	19	4.4	4.2
80 ROWAN	10	9.3	76	14.4	10.9
81 RUTHERFORD	5	8.6	37	12.9	9.6
82 SAMPSON	1	2.0	11	4.3	3.3
83 SCOTLAND	1	2.9	9	5.3	8.1
84 STANLY	9	17.4	31	12.2	10.2
85 STOKES	1	2.7	12	6.6	6.2
86 SURRY	2	3.2	27	8.7	8.1
87 SWAIN	1	9.1	5	9.3	6.0
88 TRANSYLVANIA	3	11.4	17	13.1	8.1
89 TYRRELL	0	0.0	1	4.8	3.8*
90 UNION	1	1.2	13	3.2	3.7
91 VANCE	0	0.0	4	2.1	1.6
92 WAKE	12	3.0	76	4.0	5.7
93 WARREN	3	18.1	8	9.7	4.4
94 WASHINGTON	0	0.0	6	8.2	8.4
95 WATAUGA	0	0.0	8	4.6	3.4
96 WAYNE	7	7.0	44	8.9	11.2
97 WILKES	11	18.0	25	8.2	9.9
98 WILSON	10	15.2	36	11.1	11.9
99 YADKIN	2	6.5	8	5.3	3.7
100 YANCEY	0	0.0	6	7.6	4.4

* SEE SECTION II

TABLE-6

MORTALITY STATISTICS FOR 1989

NORTH CAROLINA RESIDENTS

CANCER - ALL SITES

GEOGRAPHICAL AREA	NUMBER OF DEATHS 1989	DEATH RATE* 1989	NUMBER OF DEATHS 1985-89	DEATH RATE* 1985-89	ADJUSTED DEATH RATE* 1985-89
NORTH CAROLINA	12969	197.4	60536	188.9	188.9
REGIONS					
D.E.H.N.R. I	1717	231.9	7952	218.2	187.3
D.E.H.N.R. II	2608	189.0	12337	184.5	188.5
D.E.H.N.R. III	2767	206.6	12681	192.6	186.4
D.E.H.N.R. IV	2358	186.1	10932	178.7	186.4
D.E.H.N.R. V	1319	179.4	6095	168.8	191.9
D.E.H.N.R. VI	1291	204.7	6281	202.9	198.1
D.E.H.N.R. VII	909	190.8	4258	184.5	205.6
COUNTIES					
1 ALAMANCE	265	247.8	1137	217.4	183.4
2 ALEXANDER	47	167.6	181	132.8	150.2
3 ALLEGHANY	27	270.2	119	242.8	230.4
4 ANSON	48	183.1	254	193.6	171.4
5 ASHE	58	247.0	248	212.0	185.8
6 AVERY	32	206.4	136	179.2	335.5*
7 BEAUFORT	110	260.4	505	238.9	210.0
8 BERTIE	46	219.0	247	233.7	184.5
9 BLADEN	64	206.4	295	191.1	182.8
10 BRUNSWICK	112	217.3	533	217.1	204.4
11 BUNCOMBE	450	256.3	2019	235.2	199.9
12 BURKE	160	205.8	694	181.1	189.0
13 CABARRUS	197	202.5	958	202.4	187.1
14 CALDWELL	129	180.5	637	179.9	190.8
15 CAMDEN	10	160.7	65	217.6	195.2
16 CARTERET	135	262.3	577	230.1	223.3
17 CASWELL	47	211.7	199	178.8	163.0
18 CATAWBA	235	198.4	1063	183.9	191.6
19 CHATHAM	85	226.9	353	194.1	169.8
20 CHEROKEE	45	212.8	205	197.5	159.0
21 CHOWAN	41	301.8	207	307.4	224.8
22 CLAY	22	305.9	96	267.3	207.3*
23 CLEVELAND	179	204.0	858	198.1	188.0
24 COLUMBUS	107	203.0	512	195.1	184.1
25 CRAVEN	133	161.2	624	154.2	190.3
26 CUMBERLAND	366	138.9	1550	120.6	207.5
27 CURRITUCK	32	223.7	163	238.6	233.9
28 DARE	50	219.4	210	209.5	187.6
29 DAVIDSON	234	186.3	1115	181.7	185.6
30 DAVIE	47	168.5	272	198.8	211.4
31 DUPLIN	86	204.4	453	217.2	192.3
32 DURHAM	375	214.9	1645	195.2	200.8
33 EDGECOMBE	104	175.5	591	199.5	193.9
34 FORSYTH	555	208.1	2557	194.2	187.9
35 FRANKLIN	66	183.3	316	182.3	154.5
36 GASTON	339	194.6	1633	188.9	194.9
37 GATES	29	292.9	138	285.6	232.8
38 GRAHAM	12	169.1	80	225.0	166.2
39 GRANVILLE	105	266.2	370	193.8	165.7
40 GREENE	28	169.9	137	166.3	168.0
41 GUILFORD	725	213.8	3291	197.6	194.6

* SEE SECTION II

MORTALITY STATISTICS FOR 1989, NORTH CAROLINA RESIDENTS
CANCER - ALL SITES CONT'D.

COUNTIES (CONT'D)	NUMBER OF DEATHS 1989	DEATH RATE* 1989	NUMBER OF DEATHS 1985-89	DEATH RATE* 1985-89	ADJUSTED DEATH RATE* 1985-89
42 HALIFAX	146	257.2	622	220.3	174.7
43 HARNETT	118	176.1	624	191.7	206.6
44 HAYWOOD	116	241.5	548	227.6	199.9
45 HENDERSON	196	278.5	882	259.2	192.9
46 HERTFORD	62	264.7	284	238.8	196.5
47 HOKE	47	193.8	179	152.1	195.9
48 HYDE	17	299.4	81	279.6	231.8
49 IREDELL	201	217.2	860	191.2	176.8
50 JACKSON	63	230.0	240	177.9	171.5
51 JOHNSTON	155	190.2	748	188.5	182.7
52 JONES	15	151.2	101	204.6	155.8
53 LEE	74	174.2	375	180.7	182.8
54 LENOIR	123	205.0	620	205.7	187.6
55 LINCOLN	91	184.2	400	168.8	171.2
56 MCDOWELL	83	227.8	383	211.0	203.5
57 MACON	65	272.5	311	266.8	211.5
58 MADISON	31	178.6	175	202.5	240.9*
59 MARTIN	65	249.4	282	213.8	190.3
60 MECKLENBURG	790	162.6	3971	171.1	192.7
61 MITCHELL	29	198.4	161	220.9	136.5
62 MONTGOMERY	36	146.6	222	184.1	165.7
63 MOORE	151	251.3	753	261.5	196.0
64 NASH	158	214.8	712	197.3	193.6
65 NEW HANOVER	277	232.8	1272	219.5	229.3
66 NORTHAMPTON	50	227.5	207	239.2	186.7
67 ONSLOW	133	101.1	629	99.8	205.0
68 ORANGE	140	154.0	621	143.4	189.0
69 PAMLICO	24	219.1	134	244.9	199.8
70 PASQUOTANK	62	197.2	346	227.3	206.7
71 PENDER	59	210.8	282	215.2	187.1
72 PERQUIMANS	26	230.7	129	239.6	171.7
73 PERSON	68	216.4	304	196.5	176.7
74 PITT	192	184.8	842	166.4	197.3
75 POLK	43	285.9	208	283.6	167.2
76 RANDOLPH	196	187.8	906	179.7	194.6
77 RICHMOND	120	261.3	498	217.4	190.8
78 ROBESON	201	186.7	918	171.5	192.4
79 ROCKINGHAM	206	238.8	901	209.8	194.4
80 ROWAN	271	250.9	1192	226.1	188.4
81 RUTHERFORD	121	207.8	588	204.6	173.8
82 SAMPSON	101	199.0	497	196.5	173.2
83 SCOTLAND	67	194.9	305	178.7	203.8
84 STANLY	109	210.3	528	208.0	186.6
85 STOKES	60	161.7	298	164.8	179.1
86 SURRY	120	192.1	609	197.3	177.3
87 SWAIN	21	190.5	121	226.0	187.3
88 TRANSYLVANIA	75	284.8	300	231.3	205.2
89 TYRRELL	10	238.3	45	218.0	173.3
90 UNION	149	172.5	693	169.0	197.0
91 VANCE	100	255.0	455	233.5	206.9
92 WAKE	540	134.9	2635	139.9	182.4
93 WARREN	49	295.1	234	283.2	194.3
94 WASHINGTON	29	199.9	165	226.7	222.2
95 WATAUGA	52	147.5	237	137.0	150.6
96 WAYNE	187	186.4	956	193.9	211.1
97 WILKES	105	171.7	483	158.2	151.1
98 WILSON	143	216.8	684	210.0	203.8
99 YADKIN	70	229.2	309	206.3	174.9
100 YANCEY	24	150.0	168	211.5	183.1

* SEE SECTION II

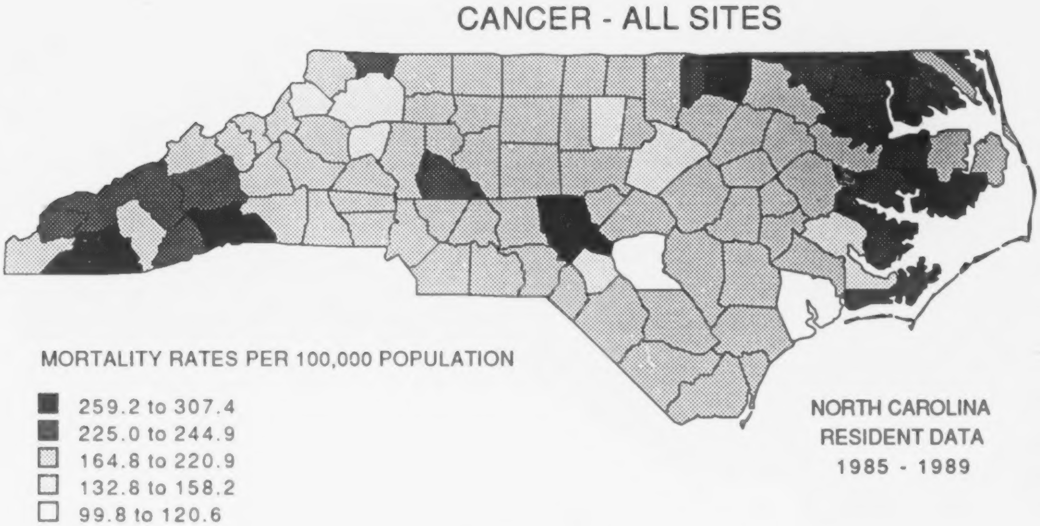

CANCER - ALL SITES
MORTALITY RATES PER 100,000 POPULATION
■ 259.2 to 307.4
■ 225.0 to 244.9
▨ 164.8 to 220.9
☐ 132.8 to 158.2
☐ 99.8 to 120.6
NORTH CAROLINA
RESIDENT DATA
1985 - 1989

FIGURE 5.A

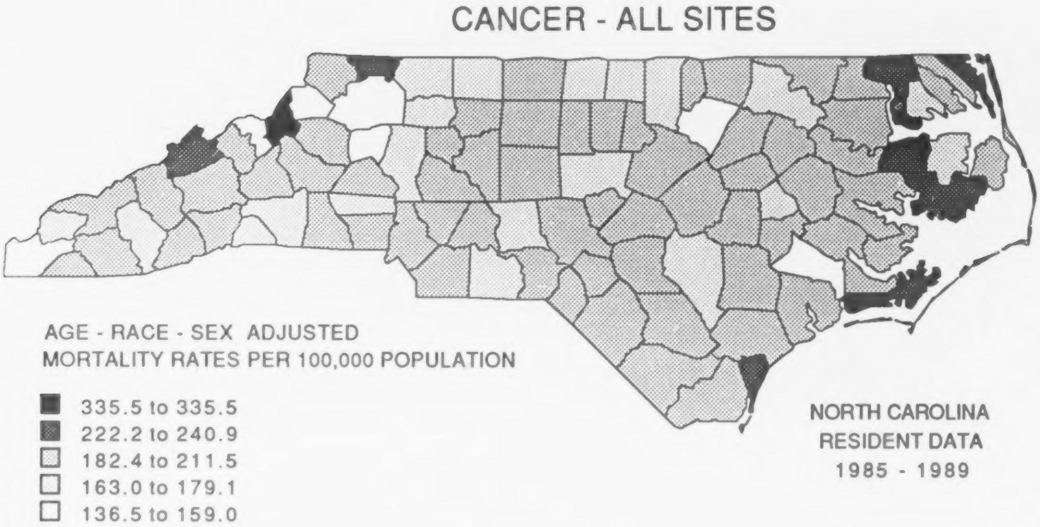

CANCER - ALL SITES
AGE - RACE - SEX ADJUSTED
MORTALITY RATES PER 100,000 POPULATION
■ 335.5 to 335.5
■ 222.2 to 240.9
▨ 182.4 to 211.5
☐ 163.0 to 179.1
☐ 136.5 to 159.0
NORTH CAROLINA
RESIDENT DATA
1985 - 1989

FIGURE 5.B

TABLE - 7

MORTALITY STATISTICS FOR 1989

NORTH CAROLINA RESIDENTS

CANCER - COLON, RECTUM AND ANUS

GEOGRAPHICAL AREA	NUMBER OF DEATHS 1989	DEATH RATE* 1989	NUMBER OF DEATHS 1985-89	DEATH RATE* 1985-89	ADJUSTED DEATH RATE* 1985-89
NORTH CAROLINA	1349	20.5	6461	20.2	20.2
REGIONS					
D.E.H.N.R. I	187	25.3	868	23.8	20.9
D.E.H.N.R. II	276	20.0	1361	20.4	20.7
D.E.H.N.R. III	272	20.3	1316	20.0	19.4
D.E.H.N.R. IV	241	19.0	1123	18.4	19.1
D.E.H.N.R. V	130	17.7	609	16.9	18.9
D.E.H.N.R. VI	146	23.1	724	23.4	22.9
D.E.H.N.R. VII	97	20.4	460	19.9	22.6
COUNTIES					
1 ALAMANCE	28	26.2	128	24.5	20.5
2 ALEXANDER	5	17.8	27	19.8	24.2
3 ALLEGHANY	3	30.0	12	24.5	24.5*
4 ANSON	3	11.4	21	16.0	13.4
5 ASHE	3	12.8	21	18.0	20.1*
6 AVERY	4	25.8	17	22.4	54.8*
7 BEAUFORT	9	21.3	46	21.8	19.1
8 BERTIE	6	28.6	34	32.2	25.9
9 BLADEN	8	25.8	32	20.7	20.4
10 BRUNSWICK	7	13.6	50	20.4	19.9
11 BUNCOMBE	45	25.6	205	23.9	21.2
12 BURKE	14	18.0	67	17.5	17.4
13 CABARRUS	19	19.5	105	22.2	20.0
14 CALDWELL	11	15.4	62	17.5	17.5
15 CAMDEN	0	0.0	6	20.1	16.9
16 CARTERET	16	31.1	72	28.7	30.9
17 CASWELL	6	27.0	25	22.5	22.8
18 CATAWBA	31	26.2	126	21.8	22.4
19 CHATHAM	12	32.0	48	26.4	22.6
20 CHEROKEE	5	23.6	20	19.3	17.7
21 CHOWAN	11	81.0	29	43.1	31.2
22 CLAY	2	27.8	14	39.0	21.7
23 CLEVELAND	20	22.8	100	23.1	22.0
24 COLUMBUS	13	24.7	43	16.4	15.4
25 CRAVEN	12	14.5	64	15.8	19.6
26 CUMBERLAND	36	13.7	155	12.1	21.4
27 CURRITUCK	4	28.0	19	27.8	26.5
28 DARE	4	17.6	28	27.9	28.0
29 DAVIDSON	24	19.1	98	16.0	16.6
30 DAVIE	8	28.7	28	20.5	22.5
31 DUPLIN	10	23.8	40	19.2	16.6
32 DURHAM	37	21.2	185	22.0	21.8
33 EDGECUMBE	9	15.2	61	20.6	19.8
34 FORSYTH	59	22.1	268	20.4	19.5
35 FRANKLIN	8	22.2	37	21.3	16.9
36 GASTON	35	20.1	168	19.4	19.8
37 GATES	1	10.1	12	24.8	21.1
38 GRAHAM	1	14.1	7	19.7	12.7
39 GRANVILLE	3	7.6	33	17.3	15.7
40 GREENE	4	24.3	15	18.2	18.9
41 GUILFORD	75	22.1	364	21.9	21.4

* SEE SECTION II

MORTALITY STATISTICS FOR 1989, NORTH CAROLINA RESIDENTS
CANCER - COLON, RECTUM AND ANUS CONT'D.

COUNTIES (CONT'D)	NUMBER OF DEATHS 1989	DEATH RATE* 1989	NUMBER OF DEATHS 1985-89	DEATH RATE* 1985-89	ADJUSTED DEATH RATE* 1985-89
42 HALIFAX	14	24.7	54	19.1	16.6
43 HARNETT	7	10.4	49	15.1	16.2
44 HAYWOOD	[illegible]	27.1	59	24.5	15.1
45 HENDERSON	[illegible]	32.7	113	33.2	21.2
46 HERTFORD	7	29.9	39	32.8	25.3
47 HOKE	6	24.7	17	14.4	17.7
48 HYDE	1	17.6	7	24.2	22.0
49 IREDELL	27	29.2	99	22.0	20.0
50 JACKSON	8	29.2	19	14.1	15.1
51 JOHNSTON	15	18.4	59	14.9	14.6
52 JONES	0	0.0	9	18.2	14.3
53 LEE	5	11.8	37	17.8	17.7
54 LENOIR	16	26.7	76	25.2	24.3
55 LINCOLN	15	30.4	50	21.1	20.6
56 MCDOWELL	8	22.0	44	24.2	25.7
57 MACON	5	21.0	42	36.0	18.7
58 MADISON	2	11.5	13	15.0	9.0
59 MARTIN	8	30.7	36	27.3	24.6
60 MECKLENBURG	73	15.0	396	17.1	19.5
61 MITCHELL	4	27.4	18	24.7	15.0
62 MONTGOMERY	4	16.3	29	24.0	22.0
63 MOORE	14	23.3	80	27.8	20.0
64 NASH	8	10.9	56	15.5	14.7
65 NEW HANOVER	23	19.3	157	27.1	28.6
66 NORTHAMPTON	10	45.5	30	26.9	20.1
67 ONSLOW	19	14.4	70	11.1	25.4
68 ORANGE	13	14.3	64	14.8	19.9
69 PAMLICO	3	27.4	23	42.0	33.4
70 PASQUOTANK	8	25.5	43	28.3	25.3
71 PENDER	9	32.2	28	21.4	20.8
72 PERQUIMANS	3	26.6	20	37.2	25.8
73 PERSON	6	19.1	26	16.8	14.7
74 PITT	22	21.2	87	17.4	19.6
75 POLK	8	53.2	30	40.9	22.6
76 RANDOLPH	18	17.2	110	21.8	24.3
77 RICHMOND	21	45.7	56	24.4	21.9
78 ROBESON	14	13.0	89	16.6	16.8
79 ROCKINGHAM	17	19.7	79	18.4	17.3
80 ROWAN	35	32.4	150	28.4	23.7
81 RUTHERFORD	19	32.6	72	25.1	23.5
82 SAMPSON	12	23.6	54	21.4	18.9
83 SCOTLAND	5	14.5	27	15.8	15.9
84 STANLY	8	15.4	62	24.4	21.2
85 STOKES	4	10.8	23	12.7	13.4
86 SURRY	7	11.2	57	18.5	15.9
87 SWAIN	5	45.3	18	33.6	29.5
88 TRANSYLVANIA	8	30.4	32	24.7	21.8
89 TYRRELL	2	47.7	8	38.8	28.7
90 UNION	8	9.3	78	19.0	21.4
91 VANCE	14	35.7	55	28.2	23.5
92 WAKE	61	15.2	299	15.9	20.9
93 WARREN	9	54.2	22	26.6	13.3
94 WASHINGTON	2	13.8	18	24.7	21.8
95 WATAUGA	7	19.9	22	12.7	12.1
96 WAYNE	23	22.9	105	21.3	23.3
97 WILKES	12	19.6	55	18.0	16.2
98 WILSON	17	25.8	57	17.5	18.0
99 YADKIN	1	3.3	26	17.4	13.7
100 YANCEY	2	12.5	16	20.1	12.9

* SEE SECTION II

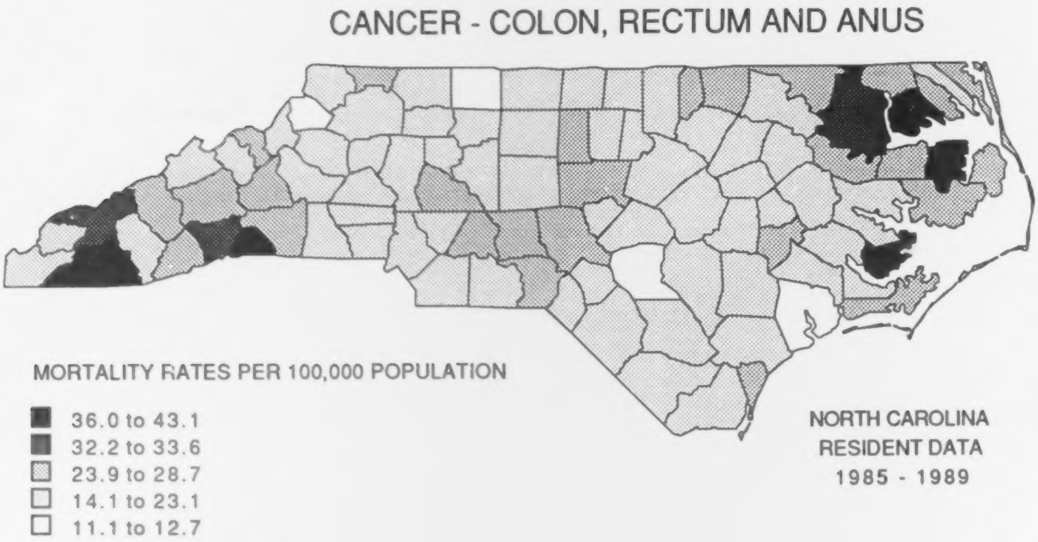

CANCER - COLON, RECTUM AND ANUS
MORTALITY RATES PER 100,000 POPULATION
■ 36.0 to 43.1
▩ 32.2 to 33.6
▨ 23.9 to 28.7
▢ 14.1 to 23.1
☐ 11.1 to 12.7
NORTH CAROLINA
RESIDENT DATA
1985 - 1989

FIGURE 6.A

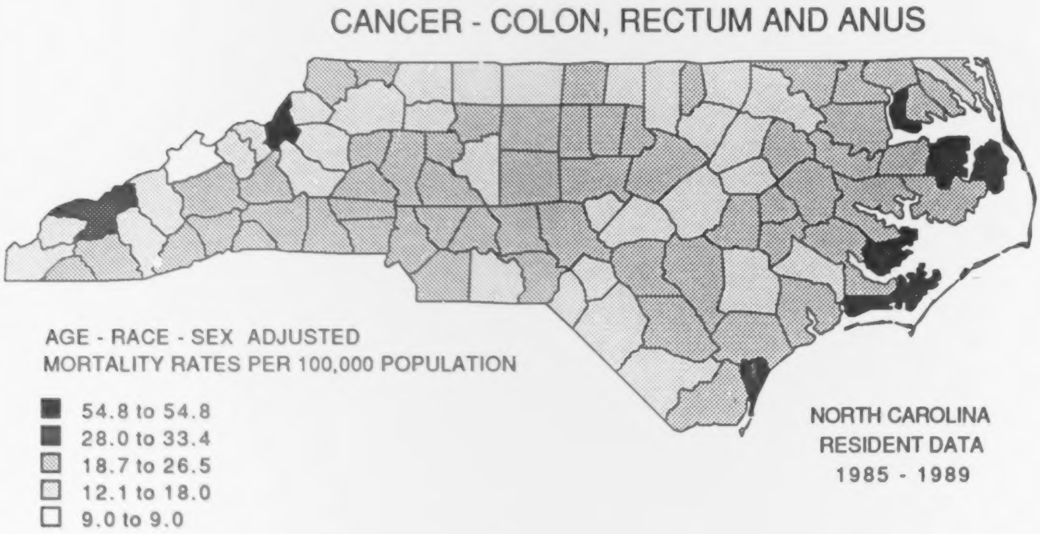

CANCER - COLON, RECTUM AND ANUS
AGE - RACE - SEX ADJUSTED
MORTALITY RATES PER 100,000 POPULATION
■ 54.8 to 54.8
▩ 28.0 to 33.4
▨ 18.7 to 26.5
▢ 12.1 to 18.0
☐ 9.0 to 9.0
NORTH CAROLINA
RESIDENT DATA
1985 - 1989

FIGURE 6.B

TABLE - 8

MORTALITY STATISTICS FOR 1989

NORTH CAROLINA RESIDENTS

CANCER - TRACHEA, BRONCHUS AND LUNG

GEOGRAPHICAL AREA	NUMBER OF DEATHS 1989	DEATH RATE* 1989	NUMBER OF DEATHS 1985-89	DEATH RATE* 1985-89	ADJUSTED DEATH RATE* 1985-89
NORTH CAROLINA	3843	58.5	17246	53.8	53.8
REGIONS					
D.E.H.N.R. I	498	67.3	2177	59.7	49.9
D.E.H.N.R. II	770	55.8	3554	53.2	53.6
D.E.H.N.R. III	831	62.1	3574	54.3	52.0
D.E.H.N.R. IV_	663	52.3	3026	49.5	53.7
D.E.H.N.R. V	399	54.3	1803	49.9	58.3
D.E.H.N.R. VI	399	63.3	1824	58.9	59.3
D.E.H.N.R. VII	283	59.4	1288	55.8	61.7
COUNTIES					
1 ALAMANCE	84	78.5	337	64.4	53.2
2 ALEXANDER	9	32.1	43	31.5	30.4
3 ALLEGHANY	6	60.0	36	73.4	66.6*
4 ANSON	17	64.8	80	61.0	55.5
5 ASHE	14	59.6	58	49.6	47.4*
6 AVERY	14	90.3	52	68.5	52.8
7 BEAUFORT	40	94.7	150	71.0	64.2
8 BERTIE	14	66.6	62	58.6	49.7
9 BLADEN	15	48.4	82	53.1	49.7
10 BRUNSWICK	41	79.6	184	74.9	67.3
11 BUNCOMBE	127	72.3	563	65.6	55.2
12 BURKE	51	65.6	207	54.0	54.5
13 CABARRUS	56	57.6	267	56.4	51.8
14 CALDWELL	36	53.2	181	51.1	47.4
15 CAMDEN	6	96.4	23	77.0	67.4
16 CARTERET	42	81.6	183	73.0	65.6
17 CASWELL	15	67.6	53	47.6	42.6
18 CATAWBA	69	58.3	315	54.5	53.2
19 CHATHAM	15	40.0	101	55.5	49.5
20 CHEROKEE	8	37.8	53	51.1	48.3
21 CHOWAN	7	51.5	48	71.3	54.3
22 CLAY	5	69.5	18	50.1	28.4
23 CLEVELAND	62	70.6	237	54.7	51.4
24 COLUMBUS	40	75.9	170	64.8	63.0
25 CRAVEN	43	52.1	166	41.0	51.8
26 CUMBERLAND	119	45.2	502	39.1	68.6
27 CURRITUCK	13	90.9	61	89.3	84.6
28 DARE	16	70.2	67	66.8	63.4
29 DAVIDSON	73	58.1	311	50.7	49.3
30 DAVIE	13	46.6	60	43.9	46.3
31 DUPLIN	26	61.8	128	61.4	55.2
32 DURHAM	100	57.3	432	51.3	57.9
33 EDGECOMBE	40	67.5	170	57.4	60.6
34 FORSYTH	158	59.2	707	53.7	52.5
35 FRANKLIN	21	58.3	98	56.5	51.6
36 GASTON	119	68.3	525	60.7	62.1
37 GATES	13	131.3	51	105.5	80.6
38 GRAHAM	3	42.3	25	70.3	51.3
39 GRANVILLE	36	91.3	105	55.0	48.5
40 GREENE	9	54.6	49	59.5	65.7
41 GUILFORD	225	66.4	934	56.1	55.5

* SEE SECTION II

MORTALITY STATISTICS FOR 1989, NORTH CAROLINA RESIDENTS
CANCER - TRACHEA, BRONCHUS AND LUNG CONT'D.

COUNTIES (CONT'D)	NUMBER OF DEATHS 1989	DEATH RATE¤ 1989	NUMBER OF DEATHS 1985-89	DEATH RATE¤ 1985-89	ADJUSTED DEATH RATE¤ 1985-89
42 HALIFAX	41	72.2	170	60.2	54.7
43 HARNETT	43	64.2	176	54.1	58.6
44 HAYWOOD	32	66.6	151	62.7	43.8
45 HENDERSON	60	85.3	225	66.1	52.8
46 HERTFORD	17	72.6	81	68.1	64.0
47 HOKE	12	49.5	62	52.7	71.7
48 HYDE	5	88.1	23	79.4	67.3
49 IREDELL	53	57.3	231	51.4	45.7
50 JACKSON	15	54.8	59	43.7	41.1
51 JOHNSTON	47	57.7	231	58.2	55.6
52 JONES	5	50.4	28	56.7	42.4
53 LEE	28	65.9	117	56.4	57.4
54 LENOIR	33	55.0	187	62.0	57.3
55 LINCOLN	30	60.7	114	48.1	51.3
56 MCDOWELL	26	71.4	118	65.0	58.3
57 MACON	20	83.9	71	60.9	44.8
58 MADISON	14	80.7	51	59.0	62.0*
59 MARTIN	24	92.1	84	63.7	61.8
60 MECKLENBURG	238	49.0	1184	51.0	58.2
61 MITCHELL	8	54.7	44	60.4	36.9
62 MONTGOMERY	10	40.7	56	46.4	42.2
63 MOORE	40	66.6	222	77.1	57.2
64 NASH	43	58.5	192	53.2	53.3
65 NEW HANOVER	82	68.9	356	61.4	64.1
66 NORTHAMPTON	10	45.5	56	50.2	40.3
67 ONSLOW	41	31.2	194	30.8	61.4
68 ORANGE	43	47.3	165	38.1	51.3
69 PAMLICO	10	91.3	46	84.1	67.3
70 PASQUOTANK	20	63.6	110	72.3	69.0
71 PENDER	11	39.3	73	55.7	47.7
72 PERQUIMANS	6	53.2	31	57.6	45.4
73 PERSON	21	66.8	91	58.8	53.9
74 PITT	54	52.0	230	46.0	56.1
75 POLK	8	53.2	43	58.6	36.1
76 RANDOLPH	56	53.7	252	50.0	48.9
77 RICHMOND	33	71.9	139	60.7	54.2
78 ROBESON	65	60.4	276	51.6	63.7
79 ROCKINGHAM	73	84.6	267	62.2	57.8
80 ROWAN	67	62.0	300	56.9	46.3
81 RUTHERFORD	29	49.8	152	52.9	45.1
82 SAMPSON	27	53.2	140	55.4	50.3
83 SCOTLAND	18	52.3	68	39.8	48.3
84 STANLY	22	42.4	136	53.6	49.1
85 STOKES	19	51.2	95	52.5	60.5
86 SURRY	40	64.0	196	63.5	56.4
87 SWAIN	6	54.4	29	54.2	49.5
88 TRANSYLVANIA	25	94.9	84	64.8	59.3
89 TYRRELL	1	23.8	13	63.0	59.8
90 UNION	45	52.1	202	49.3	57.7
91 VANCE	31	79.0	132	67.8	66.6
92 WAKE	134	33.5	730	38.8	51.6
93 WARREN	11	66.2	55	66.6	56.7
94 WASHINGTON	6	41.4	43	59.1	53.8
95 WATAUGA	13	36.9	61	35.3	44.1
96 WAYNE	57	56.8	271	55.0	62.0
97 WILKES	21	34.3	130	42.6	43.3
98 WILSON	42	63.7	181	55.6	56.8
99 YADKIN	21	68.8	77	51.4	43.8
100 YANCEY	9	56.2	51	64.2	42.7

¤ SEE SECTION II

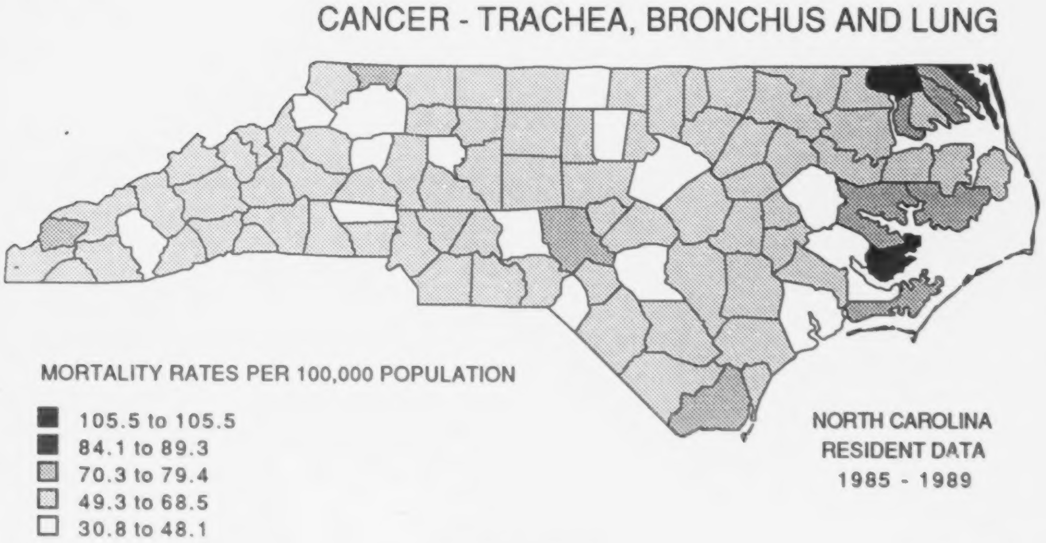

CANCER - TRACHEA, BRONCHUS AND LUNG
MORTALITY RATES PER 100,000 POPULATION
■ 105.5 to 105.5
■ 84.1 to 89.3
▨ 70.3 to 79.4
▨ 49.3 to 68.5
□ 30.8 to 48.1
NORTH CAROLINA
RESIDENT DATA
1985 - 1989

FIGURE 7.A

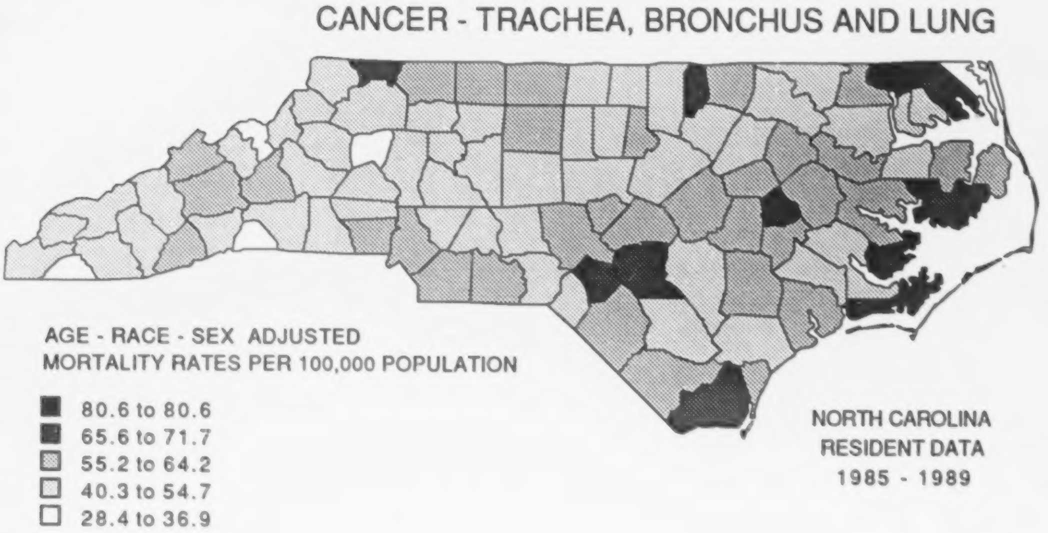

CANCER - TRACHEA, BRONCHUS AND LUNG
AGE - RACE - SEX ADJUSTED
MORTALITY RATES PER 100,000 POPULATION
■ 80.6 to 80.6
■ 65.6 to 71.7
▨ 55.2 to 64.2
▨ 40.3 to 54.7
□ 28.4 to 36.9
NORTH CAROLINA
RESIDENT DATA
1985 - 1989

FIGURE 7.B

TABLE-9

MORTALITY STATISTICS FOR 1989

NORTH CAROLINA RESIDENTS

CANCER - BREAST - FEMALE

GEOGRAPHICAL AREA	NUMBER OF DEATHS 1989	DEATH RATE* 1989	NUMBER OF DEATHS 1985-89	DEATH RATE* 1985-89	ADJUSTED DEATH RATE* 1985-89
NORTH CAROLINA	1099	32.2	5288	31.9	31.9
REGIONS					
D.E.H.N.R. I	123	31.9	644	34.0	29.2
D.E.H.N.R. II	234	32.5	1157	33.2	33.1
D.E.H.N.R. III	240	34.2	1126	32.7	31.8
D.E.H.N.R. IV	208	31.4	980	30.7	31.7
D.E.H.N.R. V	105	28.0	530	28.8	32.8
D.E.H.N.R. VI	119	36.2	530	32.9	32.0
D.E.H.N.R. VII	70	29.9	321	28.3	30.4
COUNTIES					
1 ALAMANCE	17	29.9	88	31.7	27.7
2 ALEXANDER	2	14.2	11	16.0	17.9
3 ALLEGHANY	3	58.0	10	39.4	26.1
4 ANSON	2	14.1	20	28.4	27.5
5 ASHE	0	0.0	16	26.5	18.4
6 AVERY	1	12.7	11	28.7	22.8
7 BEAUFORT	6	26.9	38	34.1	31.2
8 BERTIE	3	26.7	18	31.9	26.8
9 BLADEN	9	55.6	24	29.8	31.0
10 BRUNSWICK	9	34.0	34	27.0	27.4
11 BUNCOMBE	39	42.0	161	35.5	29.1
12 BURKE	11	27.5	64	32.5	35.6
13 CABARRUS	20	39.3	106	42.9	39.4
14 CALDWELL	10	27.3	52	28.7	32.4
15 CAMDEN	1	31.4	7	45.7	38.3
16 CARTERET	13	50.1	47	37.2	36.4
17 CASWELL	4	35.3	12	21.2	19.7
18 CATAWBA	24	39.1	97	32.4	32.2
19 CHATHAM	9	46.7	25	26.8	25.2
20 CHEROKEE	6	54.3	19	35.1	30.9
21 CHOWAN	6	81.2	21	57.6	49.1
22 CLAY	1	27.6	9	49.7	34.3
23 CLEVELAND	12	26.1	77	34.0	31.6
24 COLUMBUS	4	14.4	36	26.1	26.2
25 CRAVEN	10	24.6	52	26.1	31.4
26 CUMBERLAND	30	23.4	144	23.1	33.5
27 CURRITUCK	4	57.1	12	35.9	34.3
28 DARE	3	26.1	17	33.7	28.0
29 DAVIDSON	20	30.8	106	33.5	35.3
30 DAVIE	4	28.2	30	43.1	51.8
31 DUPLIN	8	36.1	31	28.3	26.4
32 DURHAM	30	32.0	151	33.4	33.5
33 EDGECOMBE	6	18.6	52	32.4	32.9
34 FORSYTH	44	31.0	232	33.2	32.1
35 FRANKLIN	9	47.6	29	31.9	28.1
36 GASTON	25	27.3	114	25.1	24.6
37 GATES	3	60.0	9	36.9	33.9
38 GRAHAM	0	0.0	2	11.1	8.3
39 GRANVILLE	10	50.2	25	26.0	21.5
40 GREENE	5	58.9	13	30.7	31.5
41 GUILFORD	69	38.3	290	32.8	32.3

* SEE SECTION II

MORTALITY STATISTICS FOR 1989, NORTH CAROLINA RESIDENTS
CANCER - BREAST - FEMALE CONT'D.

COUNTIES (CONT'D)	NUMBER OF DEATHS 1989	DEATH RATE* 1989	NUMBER OF DEATHS 1985-89	DEATH RATE* 1985-89	ADJUSTED DEATH RATE* 1985-89
42 HALIFAX	16	53.6	54	36.5	28.4
43 HARNETT	9	26.1	59	35.3	37.8
44 HAYWOOD	13	52.1	51	40.8	40.4
45 HENDERSON	13	35.3	83	46.6	34.5
46 HERTFORD	7	56.7	24	38.4	30.1
47 HOKE	4	31.7	11	18.1	26.7
48 HYDE	2	68.6	6	40.3	31.8
49 IREDELL	16	33.3	89	38.1	35.6
50 JACKSON	5	35.1	22	31.5	31.4
51 JOHNSTON	7	16.5	50	24.2	22.8
52 JONES	1	18.5	10	37.4	25.4
53 LEE	7	31.3	32	29.3	29.6
54 LENOIR	11	34.4	51	31.8	29.1
55 LINCOLN	10	39.5	37	30.5	32.4
56 MCDOWELL	3	15.9	14	14.9	14.3
57 MACON	5	40.2	24	39.6	23.1
58 MADISON	3	34.1	15	34.2	25.7
59 MARTIN	7	50.3	23	32.8	32.1
60 MECKLENBURG	75	29.5	411	33.8	36.9
61 MITCHELL	2	26.6	11	29.4	20.6
62 MONTGOMERY	4	31.9	25	40.6	37.5
63 MOORE	15	48.0	76	50.8	41.2
64 NASH	18	46.2	74	38.8	37.2
65 NEW HANOVER	22	35.2	101	33.1	34.4
66 NORTHAMPTON	2	17.8	25	43.8	32.9
67 ONSLOW	8	14.6	46	17.6	26.6
68 ORANGE	13	27.3	50	22.0	29.9
69 PAMLICO	2	34.9	5	17.5	16.8
70 PASQUOTANK	6	36.4	23	28.9	26.9
71 PENDER	6	41.6	26	38.6	35.8
72 PERQUIMANS	2	33.5	9	31.6	24.5
73 PERSON	7	42.5	29	35.8	32.0
74 PITT	17	30.7	82	30.8	36.0
75 POLK	2	25.2	13	33.7	19.4
76 RANDOLPH	25	46.3	93	35.7	38.6
77 RICHMOND	8	33.2	39	32.5	29.2
78 ROBESON	18	31.5	67	23.6	28.8
79 ROCKINGHAM	21	46.6	85	37.9	35.1
80 ROWAN	22	39.2	97	35.4	31.0
81 RUTHERFORD	5	16.3	44	29.2	22.8
82 SAMPSON	5	18.8	39	29.5	26.2
83 SCOTLAND	1	5.5	26	29.0	34.8
84 STANLY	12	44.3	51	38.5	37.9
85 STOKES	5	26.2	24	25.9	23.7
86 SURRY	13	40.0	54	33.7	30.7
87 SWAIN	0	0.0	4	14.2	13.4
88 TRANSYLVANIA	4	29.5	32	48.2	41.6
89 TYRRELL	1	44.7	6	54.6	47.5
90 UNION	16	36.0	67	31.8	35.4
91 VANCE	5	24.2	39	38.0	38.2
92 WAKE	55	26.8	261	27.1	32.5
93 WARREN	3	34.1	20	45.9	33.3
94 WASHINGTON	3	39.5	13	34.2	27.4
95 WATAUGA	4	22.2	32	36.1	35.0
96 WAYNE	19	36.3	91	35.5	35.4
97 WILKES	7	22.3	26	16.6	15.9
98 WILSON	11	31.2	64	36.8	37.1
99 YADKIN	4	25.7	28	36.7	27.3
100 YANCEY	0	0.0	13	31.8	57.1

* SEE SECTION II

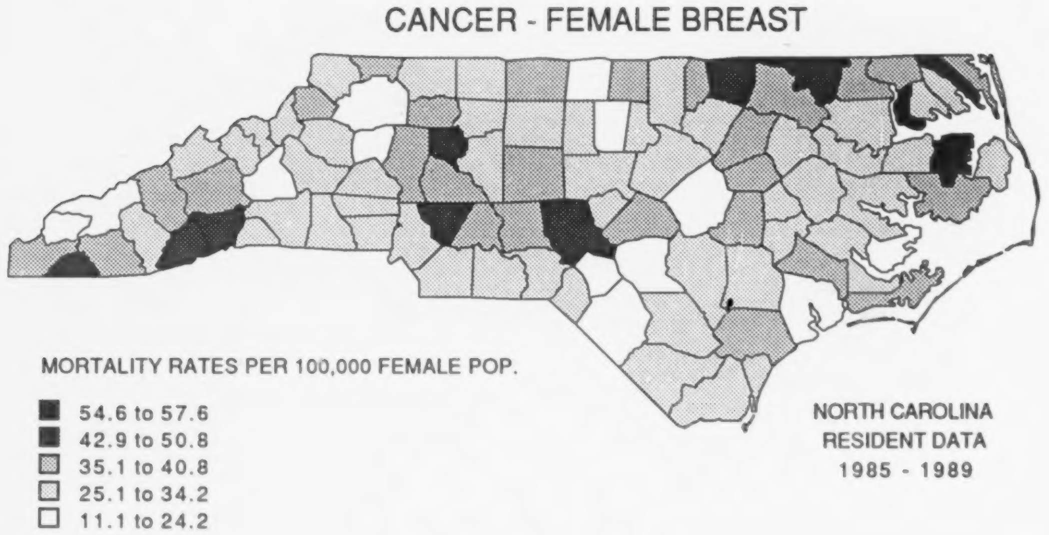

CANCER - FEMALE BREAST
MORTALITY RATES PER 100,000 FEMALE POP.
54.6 to 57.6
42.9 to 50.8
35.1 to 40.8
25.1 to 34.2
11.1 to 24.2
NORTH CAROLINA
RESIDENT DATA
1985 - 1989

FIGURE 8.A

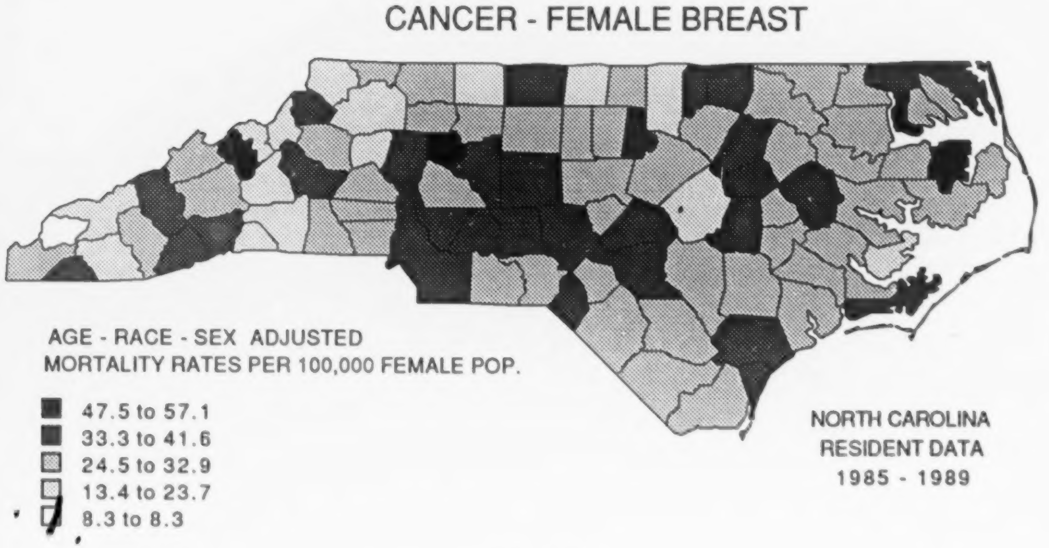

CANCER - FEMALE BREAST
AGE - RACE - SEX ADJUSTED
MORTALITY RATES PER 100,000 FEMALE POP.
47.5 to 57.1
33.3 to 41.6
24.5 to 32.9
13.4 to 23.7
8.3 to 8.3
NORTH CAROLINA
RESIDENT DATA
1985 - 1989

FIGURE 8.B

TABLE-10

MORTALITY STATISTICS FOR 1989

NORTH CAROLINA RESIDENTS

CANCER - PROSTATE

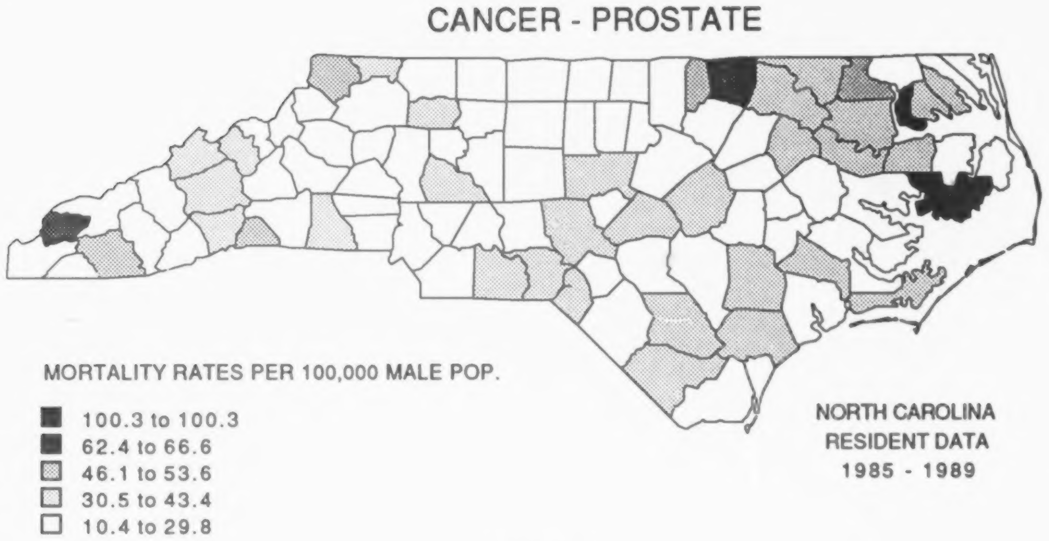
GEOGRAPHICAL AREA	NUMBER OF DEATHS 1989	DEATH RATE* 1989	NUMBER OF DEATHS 1985-89	DEATH RATE* 1985-89	ADJUSTED DEATH RATE* 1985-89
NORTH CAROLINA	891	28.2	3959	25.6	25.6
REGIONS					
D.E.H.N.R. I	99	27.9	502	28.7	24.1
D.E.H.N.R. II	182	27.6	773	24.1	26.3
D.E.H.N.R. III	165	25.9	769	24.5	24.9
D.E.H.N.R. IV	191	31.6	779	26.7	26.1
D.E.H.N.R. V	101	28.1	419	23.6	25.7
D.E.H.N.R. VI	100	33.2	433	29.2	24.9
D.E.H.N.R. VII	53	21.9	284	24.2	28.1
COUNTIES					
1 ALAMANCE	19	37.9	68	27.7	24.5
2 ALEXANDER	6	43.1	15	22.2	23.0
3 ALLEGHANY	0	0.0	8	33.8	18.1
4 ANSON	7	58.0	21	34.6	25.5
5 ASHE	7	61.6	27	47.7	26.2
6 AVERY	0	0.0	5	13.3	10.1
7 BEAUFORT	4	20.1	26	26.1	19.7
8 BERTIE	5	51.2	18	36.5	25.4
9 BLADEN	5	33.7	24	32.5	26.2
10 BRUNSWICK	4	16.0	32	26.7	24.5
11 BUNCOMBE	31	37.4	129	31.8	26.1
12 BURKE	8	21.2	32	17.2	16.2
13 CABARRUS	14	30.1	37	16.4	15.4
14 CALDWELL	10	28.7	40	23.2	32.6
15 CAMDEN	0	0.0	2	13.7	10.5
16 CARTERET	8	31.3	39	31.3	35.7
17 CASWELL	1	9.2	14	25.7	20.8
18 CATAWBA	17	29.8	51	18.3	22.1
19 CHATHAM	9	49.5	30	33.9	25.9
20 CHEROKEE	2	19.8	9	18.1	9.3
21 CHOWAN	6	96.8	31	100.3	52.9
22 CLAY	3	84.1	5	28.1	12.9
23 CLEVELAND	19	45.5	66	32.0	30.6
24 COLUMBUS	4	16.0	39	31.3	26.2
25 CRAVEN	12	28.7	29	14.1	18.5
26 CUMBERLAND	29	21.5	94	14.2	29.9
27 CURRITUCK	1	13.7	10	28.7	29.5
28 DARE	3	26.5	13	26.1	18.2
29 DAVIDSON	14	23.1	44	14.8	20.8
30 DAVIE	3	21.9	17	25.3	24.9
31 DUPLIN	6	30.1	34	34.3	26.6
32 DURHAM	27	33.5	112	28.7	25.9
33 EDGECOMBE	9	33.3	59	43.4	40.4
34 FORSYTH	37	29.6	173	28.0	27.2
35 FRANKLIN	2	11.7	23	27.9	19.6
36 GASTON	14	16.9	86	20.9	25.3
37 GATES	1	20.4	7	29.2	10.8
38 GRAHAM	2	56.8	11	62.4	32.4
39 GRANVILLE	9	46.0	27	28.5	17.7
40 GREENE	0	0.0	5	12.5	6.9
41 GUILFORD	37	23.3	192	24.5	24.4

* SEE SECTION II

MORTALITY STATISTICS FOR 1989, NORTH CAROLINA RESIDENTS
CANCER - PROSTATE CONT'D.

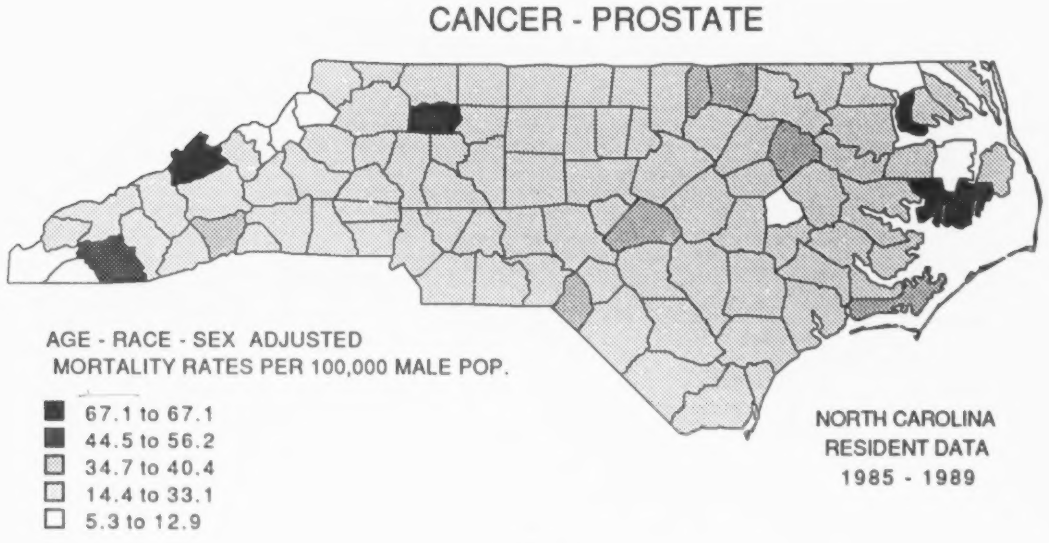
COUNTIES (CONT'D)	NUMBER OF DEATHS 1989	DEATH RATE* 1989	NUMBER OF DEATHS 1985-89	DEATH RATE* 1985-89	ADJUSTED DEATH RATE* 1985-89
42 HALIFAX	13	48.3	56	41.7	25.7
43 HARNETT	11	33.8	51	32.2	35.7
44 HAYWOOD	4	17.3	26	22.4	24.3
45 HENDERSON	10	29.8	60	37.0	36.6
46 HERTFORD	4	36.1	27	47.8	29.5
47 HOKE	0	0.0	7	12.3	14.8
48 HYDE	3	108.5	9	63.8	46.5*
49 IREDELL	11	24.7	57	26.3	24.7
50 JACKSON'	2	15.2	16	24.6	20.4
51 JOHNSTON	14	35.9	58	30.5	30.9
52 JONES	2	44.3	9	39.7	20.7
53 LEE	4	19.9	18	18.3	18.9
54 LENOIR	8	28.6	32	22.7	20.0
55 LINCOLN	4	16.6	16	13.8	14.4
56 MCDOWELL	7	39.7	23	26.2	27.5
57 MACON	3	26.3	30	53.6	56.2*
58 MADISON	1	11.7	17	40.0	67.1*
59 MARTIN	7	57.6	22	35.6	23.9
60 MECKLENBURG	53	22.9	260	23.5	28.2
61 MITCHELL	1	14.1	8	22.6	12.2
62 MONTGOMERY	2	16.7	11	18.6	16.1
63 MOORE	19	65.9	51	36.9	24.4
64 NASH	5	14.4	39	22.9	22.2
65 NEW HANOVER	16	28.4	73	26.6	28.6
66 NORTHAMPTON	7	65.2	18	33.0	22.2
67 ONSLOW	10	13.0	41	11.1	33.0
68 ORANGE	13	30.1	44	21.4	25.6
69 PAMLICO	0	0.0	6	23.0	15.3
70 PASQUOTANK	6	40.2	29	40.0	30.8
71 PENDER	5	36.9	26	40.8	29.9
72 PERQUIMANS	2	37.8	11	43.4	20.6
73 PERSON	4	26.8	22	29.8	24.4
74 PITT	20	41.2	64	27.4	28.1
75 POLK	1	14.1	16	46.1	25.7
76 RANDOLPH	14	27.8	56	22.9	28.4
77 RICHMOND	6	27.4	35	32.1	24.9
78 ROBESON	14	27.7	66	26.2	19.7
79 ROCKINGHAM	9	21.9	55	26.8	24.8
80 ROWAN	21	40.5	97	38.3	31.2
81 RUTHERFORD	7	25.4	38	27.8	22.1
82 SAMPSON	4	16.5	31	25.7	18.9
83 SCOTLAND	4	24.5	28	34.6	36.4
84 STANLY	7	28.3	33	27.2	26.6
85 STOKES	3	16.6	16	18.2	20.9
86 SURRY	7	23.4	32	21.6	19.7
87 SWAIN	2	38.5	7	27.6	17.2
88 TRANSYLVANIA	3	23.4	16	25.3	14.8
89 TYRRELL	0	0.0	1	10.4	5.3
90 UNION	16	38.2	55	27.6	33.1
91 VANCE	8	43.1	46	49.8	34.7
92 WAKE	46	23.6	158	17.2	25.3
93 WARREN	7	89.6	26	66.6	35.2
94 WASHINGTON	3	43.4	12	34.4	30.7
95 WATAUGA	2	11.6	10	11.8	10.1
96 WAYNE	13	27.1	70	29.5	31.2
97 WILKES	8	26.8	29	19.5	21.7
98 WILSON	14	45.7	43	28.3	23.0
99 YADKIN	4	26.7	28	38.1	44.5
100 YANCEY	2	25.8	14	36.3	20.4

* SEE SECTION II


CANCER - PROSTATE

MORTALITY RATES PER 100,000 MALE POP.
■ 100.3 to 100.3
■ 62.4 to 66.6
▨ 46.1 to 53.6
□ 30.5 to 43.4
□ 10.4 to 29.8
NORTH CAROLINA
RESIDENT DATA
1985 - 1989

FIGURE 9.A


CANCER - PROSTATE

AGE - RACE - SEX ADJUSTED
MORTALITY RATES PER 100,000 MALE POP.
■ 67.1 to 67.1
■ 44.5 to 56.2
▨ 34.7 to 40.4
□ 14.4 to 33.1
□ 5.3 to 12.9
NORTH CAROLINA
RESIDENT DATA
1985 - 1989

FIGURE 9.B

TABLE-11

MORTALITY STATISTICS FOR 1989

NORTH CAROLINA RESIDENTS

SEPTICEMIA

GEOGRAPHICAL AREA	NUMBER OF DEATHS 1989	DEATH RATE* 1989	NUMBER OF DEATHS 1985-89	DEATH RATE* 1985-89	ADJUSTED DEATH RATE* 1985-89
NORTH CAROLINA	526	8.0	2902	9.1	9.1
REGIONS					
D.E.H.N.R. I	63	8.5	310	8.5	7.2
D.E.H.N.R. II	90	6.5	495	7.4	8.0
D.E.H.N.R. III	128	9.6	661	10.0	10.1
D.E.H.N.R. IV	95	7.5	648	10.6	10.5
D.E.H.N.R. V	52	7.1	301	8.3	9.3
D.E.H.N.R. VI	75	11.9	317	10.2	9.6
D.E.H.N.R. VII	23	4.8	170	7.4	8.4
COUNTIES					
1 ALAMANCE	11	10.3	54	10.3	9.2
2 ALEXANDER	1	3.6	9	6.6	8.3
3 ALLEGHANY	2	20.0	6	12.2	35.7*
4 ANSON	1	3.8	13	9.9	7.1
5 ASHE	3	12.8	13	11.1	6.9
6 AVERY	0	0.0	5	6.6	5.1
7 BEAUFORT	13	30.8	29	13.7	11.5
8 BERTIE	4	19.0	12	11.4	7.7
9 BLADEN	4	12.9	23	14.9	12.2
10 BRUNSWICK	4	7.8	15	6.1	6.0
11 BUNCOMBE	10	5.7	77	9.0	7.8
12 BURKE	2	2.6	19	5.0	5.2
13 CABARRUS	6	6.2	41	8.7	8.6
14 CALDWELL	5	7.0	20	5.6	6.7
15 CAMDEN	1	16.1	3	10.0	11.3
16 CARTERET	3	5.8	14	5.6	4.7
17 CASWELL	1	4.5	5	4.5	6.0
18 CATAWBA	9	7.6	41	7.1	7.5
19 CHATHAM	4	10.7	21	11.5	9.7
20 CHEROKEE	4	18.9	16	15.4	13.9
21 CHOWAN	2	14.7	7	10.4	8.1
22 CLAY	1	13.9	1	2.8	2.3
23 CLEVELAND	8	9.1	39	9.0	8.7
24 COLUMBUS	5	9.5	43	16.4	14.9
25 CRAVEN	7	8.5	36	8.9	11.4
26 CUMBERLAND	19	7.2	76	5.9	11.3
27 CURRITUCK	2	14.0	7	10.2	9.3
28 DARE	0	0.0	9	9.0	10.3
29 DAVIDSON	6	4.8	39	6.4	7.1
30 DAVIE	0	0.0	14	10.2	10.9
31 DUPLIN	1	2.4	19	9.1	7.8
32 DURHAM	17	9.7	114	13.5	11.9
33 EDGECOMBE	6	10.1	29	9.8	8.3
34 FORSYTH	36	13.5	175	13.3	12.5
35 FRANKLIN	2	5.6	22	12.7	8.7
36 GASTON	15	8.6	64	7.4	7.7
37 GATES	1	10.1	8	16.6	9.6
38 GRAHAM	0	0.0	5	14.1	21.1*
39 GRANVILLE	4	10.1	28	14.7	11.2
40 GREENE	0	0.0	5	6.1	4.6
41 GUILFORD	16	4.7	122	7.3	7.2

* SEE SECTION II

MORTALITY STATISTICS FOR 1989, NORTH CAROLINA RESIDENTS
SEPTICEMIA CONT'D.

COUNTIES (CONT'D)	NUMBER OF DEATHS 1989	DEATH RATE* 1989	NUMBER OF DEATHS 1985-89	DEATH RATE* 1985-89	ADJUSTED DEATH RATE* 1985-89
42 HALIFAX	4	7.0	38	13.5	9.8
43 HARNETT	3	4.5	21	6.5	7.0
44 HAYWOOD	4	8.3	20	8.3	4.9
45 HENDERSON	5	7.1	22	6.5	8.9
46 HERTFORD	4	17.1	18	15.1	10.4
47 HOKE	1	4.1	8	6.8	7.7
48 HYDE	1	17.6	2	6.9	7.4*
49 IREDELL	8	8.6	39	8.7	8.7
50 JACKSON	6	21.9	16	11.9	9.1
51 JOHNSTON	4	4.9	33	8.3	8.1
52 JONES	2	20.2	8	16.2	10.0
53 LEE	1	2.4	16	7.7	7.9
54 LENOIR	4	6.7	30	10.0	9.8
55 LINCOLN	3	6.1	10	4.2	5.5
56 MCDOWELL	2	5.5	14	7.7	6.9
57 MACON	8	33.5	18	15.4	8.2
58 MADISON	4	23.1	19	22.0	13.5
59 MARTIN	2	7.7	15	11.4	8.3
60 MECKLENBURG	27	5.6	179	7.7	8.3
61 MITCHELL	3	20.5	12	16.5	9.3
62 MONTGOMERY	2	8.1	14	11.6	10.6
63 MOORE	5	8.3	24	8.3	6.5
64 NASH	4	5.4	34	9.4	10.1
65 NEW HANOVER	3	2.5	51	8.8	9.1
66 NORTHAMPTON	3	13.7	18	16.1	10.5
67 ONSLOW	6	4.6	24	3.8	8.7
68 ORANGE	5	5.5	44	10.2	13.3
69 PAMLICO	3	27.4	7	12.8	11.0
70 PASQUOTANK	5	15.9	8	5.3	4.6
71 PENDER	1	3.6	4	3.1	3.6
72 PERQUIMANS	1	8.9	6	11.1	7.6
73 PERSON	3	9.5	14	9.0	7.1
74 PITT	10	9.6	51	10.2	9.6
75 POLK	0	0.0	5	6.8	4.4
76 RANDOLPH	8	7.7	36	7.1	8.5
77 RICHMOND	2	4.4	29	12.7	11.8
78 ROBESON	7	6.5	41	7.7	7.1
79 ROCKINGHAM	7	8.1	52	12.1	11.3
80 ROWAN	5	4.6	36	6.8	5.8
81 RUTHERFORD	3	5.2	21	7.3	5.9
82 SAMPSON	3	5.9	31	12.3	10.2
83 SCOTLAND	5	14.5	21	12.3	13.6
84 STANLY	4	7.7	17	6.7	6.4
85 STOKES	6	16.2	20	11.1	14.8
86 SURRY	8	12.8	42	13.6	11.7
87 SWAIN	2	18.1	6	11.2	7.7
88 TRANSYLVANIA	2	7.6	7	5.4	3.5
89 TYRRELL	1	23.8	2	9.7	15.3
90 UNION	4	4.6	20	4.9	5.9
91 VANCE	10	25.5	38	19.5	17.0
92 WAKE	21	5.2	155	8.2	10.9
93 WARREN	1	6.0	20	24.2	14.9
94 WASHINGTON	1	6.9	10	13.7	13.1
95 WATAUGA	3	8.5	16	9.2	8.4
96 WAYNE	11	11.0	44	8.9	9.9
97 WILKES	4	6.5	35	11.5	9.8
98 WILSON	6	9.1	24	7.4	7.4
99 YADKIN	17	55.7	32	21.4	16.6
100 YANCEY	2	12.5	7	8.8	5.1

* SEE SECTION II

TABLE-12

MORTALITY STATISTICS FOR 1989

NORTH CAROLINA RESIDENTS

DIABETES MELLITUS

GEOGRAPHICAL AREA	NUMBER OF DEATHS 1989	DEATH RATE* 1989	NUMBER OF DEATHS 1985-89	DEATH RATE* 1985-89	ADJUSTED DEATH RATE* 1985-89
NORTH CAROLINA	1372	20.9	5539	17.3	17.3
REGIONS					
D.E.H.N.R. I	169	22.8	671	18.4	19.2
D.E.H.N.R. II	251	18.2	1103	16.5	17.6
D.E.H.N.R. III	277	20.7	1148	17.4	17.7
D.E.H.N.R. IV	264	20.8	1001	16.4	15.9
D.E.H.N.R. V	168	22.8	638	17.7	18.2
D.E.H.N.R. VI	154	24.4	624	20.2	18.0
D.E.H.N.R. VII	89	18.7	354	15.3	17.2
COUNTIES					
1 ALAMANCE	37	34.6	129	24.7	21.2
2 ALEXANDER	4	14.3	12	8.8	14.2
3 ALLEGHANY	0	0.0	3	6.1	3.6
4 ANSON	8	30.5	23	17.5	11.3
5 ASHE	2	8.5	17	14.5	26.3*
6 AVERY	1	6.4	8	10.5	8.9
7 BEAUFORT	14	33.1	60	28.4	22.6
8 BERTIE	5	23.8	31	29.3	21.1
9 BLADEN	12	38.7	44	28.5	20.6
10 BRUNSWICK	7	13.6	32	13.0	13.0
11 BUNCOMBE	34	19.4	154	17.9	16.8
12 BURKE	15	19.3	68	17.7	21.3
13 CABARRUS	16	16.4	55	11.6	10.6
14 CALDWELL	17	23.8	75	21.2	25.3
15 CAMDEN	4	64.3	11	36.8	35.2
16 CARTERET	17	33.0	62	24.7	27.5
17 CASWELL	5	22.5	23	20.7	20.3
18 CATAWBA	18	15.2	98	17.0	20.0
19 CHATHAM	11	29.4	24	13.2	11.6
20 CHEROKEE	10	47.3	18	17.3	9.3
21 CHOWAN	2	14.7	13	19.3	11.5
22 CLAY	2	27.8	5	13.9	7.3
23 CLEVELAND	21	23.9	94	21.7	21.2
24 COLUMBUS	13	24.7	51	19.4	16.0
25 CRAVEN	13	15.8	43	10.6	12.8
26 CUMBERLAND	40	15.2	141	11.0	18.7
27 CURRITUCK	4	28.0	19	27.8	25.5
28 DARE	6	26.3	15	15.0	12.2
29 DAVIDSON	21	16.7	88	14.3	17.5
30 DAVIE	5	17.9	20	14.6	15.1
31 DUPLIN	12	28.5	46	22.1	17.9
32 DURHAM	39	21.8	141	16.7	15.4
33 EDGECOMBE	17	28.7	55	18.6	16.4
34 FORSYTH	55	20.6	276	21.0	20.0
35 FRANKLIN	7	19.4	31	17.9	11.8
36 GASTON	31	17.8	130	15.0	17.0
37 GATES	2	20.2	13	26.9	15.6
38 GRAHAM	0	0.0	1	2.8	15.7
39 GRANVILLE	2	5.1	37	19.4	14.8
40 GREENE	2	12.1	15	18.2	16.5
41 GUILFORD	72	21.2	285	17.1	16.8

* SEE SECTION II

MORTALITY STATISTICS FOR 1989, NORTH CAROLINA RESIDENTS
DIABETES MELLITUS CONT'D.

COUNTIES (CONT'D)	NUMBER OF DEATHS 1989	DEATH RATE* 1989	NUMBER OF DEATHS 1985-89	DEATH RATE* 1985-89	ADJUSTED DEATH RATE* 1985-89
42 HALIFAX	18	31.7	68	24.1	17.4
43 HARNETT	17	25.4	47	14.4	15.5
44 HAYWOOD	13	27.1	45	18.7	19.6
45 HENDERSON	9	12.8	48	14.1	14.3
46 HERTFORD	5	21.3	24	20.2	17.0
47 HOKE	5	20.6	19	16.1	13.4
48 HYDE	0	0.0	3	10.4	8.3
49 IREDELL	16	17.3	71	15.8	15.4
50 JACKSON	6	21.9	23	17.1	25.7
51 JOHNSTON	18	22.1	65	16.4	16.3
52 JONES	4	40.3	13	26.3	18.6
53 LEE	15	35.3	39	18.8	19.0
54 LENOIR	15	25.0	60	19.9	16.1
55 LINCOLN	8	16.2	39	16.5	23.3
56 MCDOWELL	9	24.7	33	18.2	21.3
57 MACON	7	29.4	23	19.7	10.0
58 MADISON	5	28.8	20	23.1	15.6
59 MARTIN	17	65.2	48	36.4	26.5
60 MECKLENBURG	76	15.6	375	16.2	17.8
61 MITCHELL	3	20.5	19	26.1	16.2
62 MONTGOMERY	7	28.5	19	15.8	13.9
63 MOORE	8	13.3	44	15.3	12.9
64 NASH	16	21.8	69	19.1	17.5
65 NEW HANOVER	18	15.1	98	16.9	17.4
66 NORTHAMPTON	8	36.4	26	23.3	12.0
67 ONSLOW	11	8.4	44	7.0	15.8
68 ORANGE	13	14.3	49	11.3	14.7
69 PAMLICO	2	18.3	7	12.8	8.7
70 PASQUOTANK	8	25.5	33	21.7	19.8
71 PENDER	11	39.3	21	16.0	13.0
72 PERQUIMANS	0	0.0	3	5.6	3.2
73 PERSON	6	19.1	29	18.7	16.0
74 PITT	26	25.0	99	19.8	20.5
75 POLK	5	33.2	17	23.2	18.2
76 RANDOLPH	18	17.2	72	14.3	18.3
77 RICHMOND	19	41.4	63	27.5	24.1
78 ROBESON	34	31.6	150	28.0	27.8
79 ROCKINGHAM	21	24.3	76	17.7	16.6
80 ROWAN	27	25.0	99	18.8	17.1
81 RUTHERFORD	15	25.8	57	19.8	18.7
82 SAMPSON	5	9.9	44	17.4	14.3
83 SCOTLAND	13	37.8	44	25.8	23.7
84 STANLY	16	30.9	66	26.0	25.5
85 STOKES	8	21.6	22	12.2	12.7
86 SURRY	13	20.8	63	20.4	22.1
87 SWAIN	8	72.6	22	41.1	38.5
88 TRANSYLVANIA	6	22.8	19	14.6	24.3
89 TYRRELL	1	23.8	3	14.5	10.4
90 UNION	18	20.8	64	15.6	19.2
91 VANCE	10	25.5	45	23.1	19.5
92 WAKE	64	16.0	238	12.6	16.4
93 WARREN	3	18.1	10	12.1	7.1
94 WASHINGTON	3	20.7	11	15.1	11.4
95 WATAUGA	2	5.7	12	6.9	6.5
96 WAYNE	21	20.9	100	20.3	20.4
97 WILKES	11	18.0	42	13.8	16.8
98 WILSON	18	27.3	75	23.0	20.9
99 YADKIN	7	22.9	20	13.4	9.7
100 YANCEY	4	25.0	16	20.1	14.2

* SEE SECTION II

TABLE-13

MORTALITY STATISTICS FOR 1989

NORTH CAROLINA RESIDENTS

PNEUMONIA AND INFLUENZA

GEOGRAPHICAL AREA	NUMBER OF DEATHS 1989	DEATH RATE* 1989	NUMBER OF DEATHS 1985-89	DEATH RATE* 1985-89	ADJUSTED DEATH RATE* 1985-89
NORTH CAROLINA	1900	28.9	9010	28.1	28.1
REGIONS					
D.E.H.N.R. I	294	39.7	1318	36.2	28.0
D.E.H.N.R. II	384	27.8	1808	27.0	27.7
D.E.H.N.R. III	391	29.2	1978	30.0	28.4
D.E.H.N.R. IV	334	26.4	1626	26.6	28.2
D.E.H.N.R. V	193	26.2	864	23.9	29.2
D.E.H.N.R. VI	204	32.3	895	28.9	29.5
D.E.H.N.R. VII	100	21.0	521	22.6	26.7
COUNTIES					
1 ALAMANCE	27	25.2	108	20.7	17.7
2 ALEXANDER	13	46.4	49	36.0	45.7
3 ALLEGHANY	8	80.1	41	83.6	46.3
4 ANSON	14	53.4	72	54.9	44.9
5 ASHE	8	34.1	36	30.8	17.7
6 AVERY	12	77.4	38	50.1	43.8
7 BEAUFORT	30	71.0	101	47.8	41.1
8 BERTIE	13	61.9	40	37.8	33.1
9 BLADEN	17	54.8	65	42.1	44.6
10 BRUNSWICK	11	21.3	74	30.1	31.2
11 BUNCOMBE	75	42.7	344	40.1	29.1
12 BURKE	20	25.7	87	22.7	25.0
13 CABARRUS	42	43.2	193	40.8	36.2
14 CALDWELL	19	26.6	92	26.0	29.7
15 CAMDEN	2	32.1	12	40.2	40.4
16 CARTERET	10	19.4	54	21.5	20.7
17 CASWELL	6	27.0	31	27.9	28.3
18 CATAWBA	29	24.5	155	26.8	30.0
19 CHATHAM	8	21.4	57	31.3	27.6
20 CHEROKEE	11	52.0	38	36.6	19.7
21 CHOWAN	6	44.2	38	56.4	38.3
22 CLAY	2	27.8	14	39.0	20.4
23 CLEVELAND	29	33.0	118	27.2	25.4
24 COLUMBUS	19	36.0	106	40.4	39.0
25 CRAVEN	23	27.9	69	17.1	24.7
26 CUMBERLAND	33	12.5	170	13.2	27.0
27 CURRITUCK	2	14.0	19	27.8	27.6
28 DARE	3	13.2	26	25.9	26.8
29 DAVIDSON	25	19.9	150	24.4	24.8
30 DAVIE	14	50.2	42	30.7	32.5
31 DUPLIN	12	28.5	52	24.9	22.9
32 DURHAM	49	28.1	237	28.1	27.5
33 EDGECOMBE	22	37.1	108	36.5	32.9
34 FORSYTH	68	25.5	389	29.5	27.8
35 FRANKLIN	10	27.8	45	26.0	20.8
36 GASTON	57	32.7	242	28.0	30.0
37 GATES	1	10.1	16	33.1	29.5
38 GRAHAM	4	56.4	12	33.7	73.5*
39 GRANVILLE	17	43.1	75	39.3	36.0
40 GREENE	7	42.5	19	23.1	24.0
41 GUILFORD	97	28.6	522	31.3	29.5

* SEE SECTION II

MORTALITY STATISTICS FOR 1989, NORTH CAROLINA RESIDENTS
PNEUMONIA AND INFLUENZA CONT'D.

COUNTIES (CONT'D)	NUMBER OF DEATHS 1989	DEATH RATE* 1989	NUMBER OF DEATHS 1985-89	DEATH RATE* 1985-89	ADJUSTED DEATH RATE* 1985-89
42 HALIFAX	24	42.3	92	32.6	28.6
43 HARNETT	19	28.4	90	27.6	30.5
44 HAYWOOD	15	31.2	100	41.5	28.0
45 HENDERSON	29	41.2	138	40.5	24.7
46 HERTFORD	10	42.7	41	34.5	19.2
47 HOKE	12	49.5	30	25.5	45.1
48 HYDE	1	17.6	6	20.7	16.1*
49 IREDELL	22	23.8	142	31.6	27.9
50 JACKSON	11	40.2	46	34.1	31.0
51 JOHNSTON	18	22.1	104	26.2	26.6
52 JONES	1	10.1	9	18.2	19.5
53 LEE	12	28.2	47	22.7	23.2
54 LENOIR	15	25.0	75	24.9	25.2
55 LINCOLN	5	10.1	46	19.4	18.2
56 MCDOWELL	8	22.0	47	23.9	23.7
57 MACON	12	50.3	36	30.9	28.9
58 MADISON	10	57.6	42	48.6	28.9
59 MARTIN	9	34.5	40	30.3	27.8
60 MECKLENBURG	112	23.1	496	21.4	24.3
61 MITCHELL	3	20.5	33	45.3	24.5
62 MONTGOMERY	10	40.7	42	34.8	29.3
63 MOORE	28	46.6	105	36.5	27.1
64 NASH	29	39.4	114	31.6	31.9
65 NEW HANOVER	25	21.0	124	21.4	23.4
66 NORTHAMPTON	14	63.7	49	43.9	39.4
67 ONSLOW	16	12.2	75	11.9	30.5
68 ORANGE	17	18.7	79	18.2	23.9
69 PAMLICO	9	82.2	27	49.3	34.8
70 PASQUOTANK	8	25.5	49	32.2	27.9
71 PENDER	7	25.0	36	27.5	24.4
72 PERQUIMANS	3	26.6	23	42.7	27.1
73 PERSON	14	44.5	55	35.5	31.3
74 PITT	29	27.9	132	26.4	31.7
75 POLK	7	46.5	30	40.9	22.1
76 RANDOLPH	28	26.8	108	21.4	24.7
77 RICHMOND	13	28.3	61	26.6	24.7
78 ROBESON	30	27.9	128	23.9	29.4
79 ROCKINGHAM	28	32.5	152	35.4	33.6
80 ROWAN	41	38.0	202	38.3	29.1
81 RUTHERFORD	41	70.4	143	49.8	39.8
82 SAMPSON	13	25.6	70	27.7	24.8
83 SCOTLAND	4	11.6	31	18.2	20.9
84 STANLY	6	11.6	61	24.0	20.0
85 STOKES	8	21.6	79	43.7	50.1
86 SURRY	26	41.6	110	35.6	26.8
87 SWAIN	1	9.1	13	24.3	16.6
88 TRANSYLVANIA	7	26.6	39	30.1	23.5
89 TYRRELL	2	47.7	9	43.6	36.6
90 UNION	28	32.4	104	25.4	31.1
91 VANCE	24	61.2	64	43.1	36.4
92 WAKE	57	14.2	327	17.4	24.5
93 WARREN	4	24.1	48	58.1	41.1
94 WASHINGTON	6	41.4	27	37.1	41.7
95 WATAUGA	5	14.2	37	21.4	22.7*
96 WAYNE	24	23.9	117	23.7	27.6
97 WILKES	25	40.9	95	31.1	30.0
98 WILSON	15	22.7	105	32.2	35.1
99 YADKIN	18	58.9	78	52.1	38.5
100 YANCEY	7	43.7	26	32.7	20.1

* SEE SECTION II

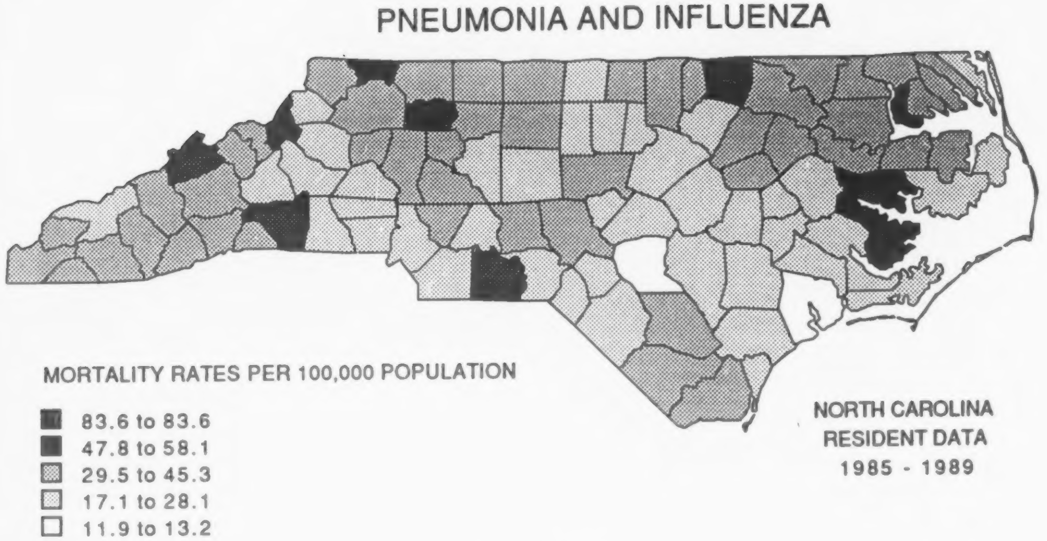

PNEUMONIA AND INFLUENZA
MORTALITY RATES PER 100,000 POPULATION
83.6 to 83.6
47.8 to 58.1
29.5 to 45.3
17.1 to 28.1
11.9 to 13.2
NORTH CAROLINA
RESIDENT DATA
1985 - 1989

FIGURE 10.A

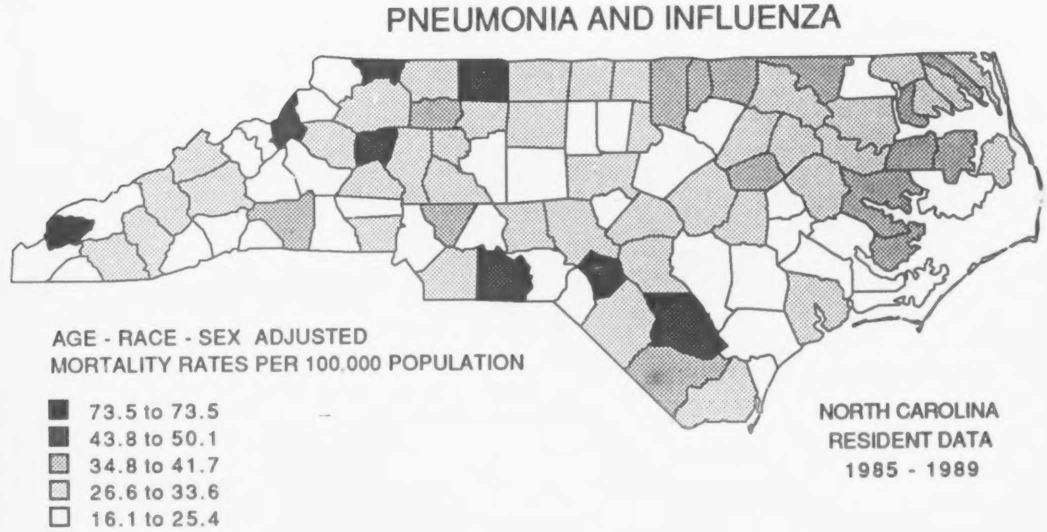

PNEUMONIA AND INFLUENZA
AGE - RACE - SEX ADJUSTED
MORTALITY RATES PER 100,000 POPULATION
73.5 to 73.5
43.8 to 50.1
34.8 to 41.7
26.6 to 33.6
16.1 to 25.4
NORTH CAROLINA
RESIDENT DATA
1985 - 1989

FIGURE 10.B

TABLE-14

MORTALITY STATISTICS FOR 1989

NORTH CAROLINA RESIDENTS

CHRONIC OBSTRUCTIVE PULMONARY DISEASES

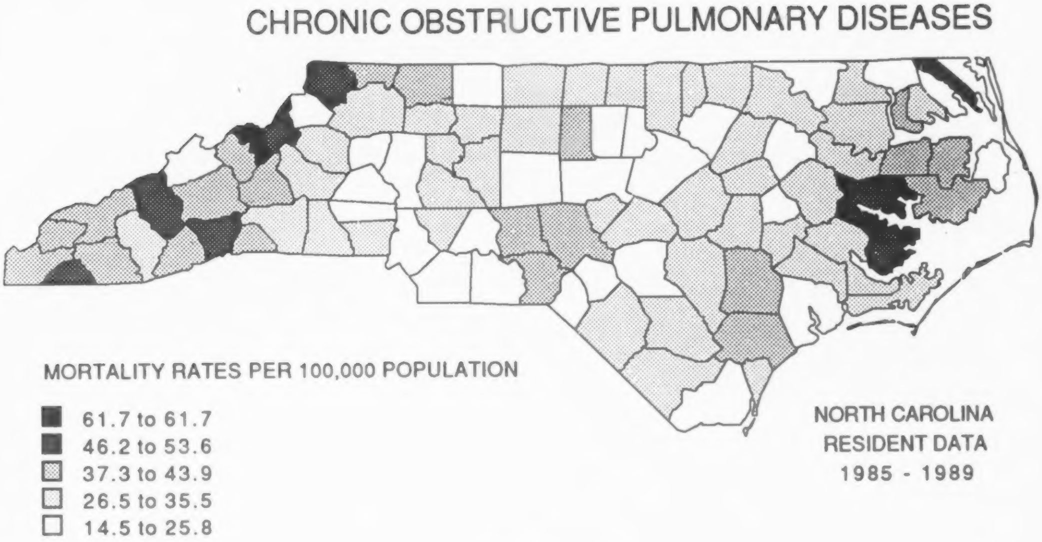
GEOGRAPHICAL AREA	NUMBER OF DEATHS 1989	DEATH RATE* 1989	NUMBER OF DEATHS 1985-89	DEATH RATE* 1985-89	ADJUSTED DEATH RATE* 1985-89
NORTH CAROLINA	1930	29.4	9322	29.1	29.1
REGIONS					
D.E.H.N.R. I	287	38.8	1454	39.9	30.6
D.E.H.N.R. II	359	26.0	1683	25.2	25.1
D.E.H.N.R. III	449	33.5	2096	31.8	29.8
D.E.H.N.R. IV	326	25.7	1538	25.1	28.7
D.E.H.N.R. V	184	25.0	975	27.0	33.3
D.E.H.N.R. VI	211	33.5	968	31.3	33.5
D.E.H.N.R. VII	114	23.9	608	26.3	30.1
COUNTIES					
1 ALAMANCE	50	46.7	221	42.3	34.8
2 ALEXANDER	7	25.0	30	22.0	22.0
3 ALLEGHANY	3	30.0	19	38.8	22.6
4 ANSON	5	19.1	19	14.5	14.7
5 ASHE	11	46.8	54	46.2	39.2
6 AVERY	7	45.1	37	48.7	38.2
7 BEAUFORT	23	54.5	101	47.8	43.0
8 BERTIE	4	19.0	33	31.2	36.0
9 BLADEN	11	35.5	48	31.1	32.3
10 BRUNSWICK	10	19.4	56	22.8	21.9
11 BUNCOMBE	77	43.9	377	43.9	34.9
12 BURKE	23	29.6	116	30.3	28.2
13 CABARRUS	30	30.8	140	29.6	25.8
14 CALDWELL	24	33.6	100	28.2	30.0
15 CAMDEN	3	48.2	16	53.6	48.9
16 CARTERET	14	27.2	76	30.3	24.9
17 CASWELL	2	9.0	33	29.6	31.0
18 CATAWBA	37	31.2	149	25.8	24.8
19 CHATHAM	8	21.4	45	24.7	22.4
20 CHEROKEE	7	33.1	40	38.5	26.3
21 CHOWAN	8	58.9	27	40.1	32.2
22 CLAY	2	27.8	17	47.3	25.5
23 CLEVELAND	22	25.1	128	29.5	27.2
24 COLUMBUS	15	28.5	78	29.7	28.4
25 CRAVEN	17	20.6	111	27.4	38.1
26 CUMBERLAND	47	17.8	231	18.0	37.0
27 CURRITUCK	4	28.0	16	23.4	23.4
28 DARE	6	26.3	20	19.9	17.0
29 DAVIDSON	34	27.1	174	28.4	27.9
30 DAVIE	11	39.4	40	29.2	28.8
31 DUPLIN	13	30.9	80	38.4	35.8
32 DURHAM	55	31.5	197	23.4	26.6
33 EDGECOMBE	12	20.2	74	25.0	29.1
34 FORSYTH	90	33.7	435	33.0	32.6
35 FRANKLIN	5	13.9	38	21.9	19.9
36 GASTON	47	27.0	237	27.4	26.8
37 GATES	2	20.2	11	22.8	20.4
38 GRAHAM	3	42.3	15	42.2	28.5
39 GRANVILLE	10	25.3	61	32.0	34.4
40 GREENE	4	24.3	21	25.5	30.1
41 GUILFORD	108	31.8	504	30.3	29.7

* SEE SECTION II

MORTALITY STATISTICS FOR 1989, NORTH CAROLINA RESIDENTS
CHRONIC OBSTRUCTIVE PULMONARY DISEASES CONT'D.

COUNTIES (CONT'D)	NUMBER OF DEATHS 1989	DEATH RATE* 1989	NUMBER OF DEATHS 1985-89	DEATH RATE* 1985-89	ADJUSTED DEATH RATE* 1985-89
42 HALIFAX	15	26.4	93	32.9	29.6
43 HARNETT	22	32.8	104	31.9	35.3
44 HAYWOOD	18	37.5	120	49.8	30.2
45 HENDERSON	40	56.8	181	53.2	29.2
46 HERTFORD	10	42.7	36	30.3	28.5
47 HOKE	2	8.2	27	22.9	45.3
48 HYDE	0	0.0	11	38.0	33.9
49 IREDELL	24	25.9	109	24.2	21.1
50 JACKSON	6	21.9	39	28.9	26.8
51 JOHNSTON	27	33.1	118	29.7	28.7
52 JONES	2	20.2	17	34.4	36.6
53 LEE	9	21.2	55	26.5	27.7
54 LENOIR	26	43.3	93	30.9	32.0
55 LINCOLN	9	18.2	48	20.3	22.0
56 MCDOWELL	13	35.7	73	40.2	35.5
57 MACON	9	37.7	50	42.9	20.4
58 MADISON	1	5.8	17	19.7	12.6
59 MARTIN	5	19.2	42	31.8	29.1
60 MECKLENBURG	121	24.9	556	23.9	28.1
61 MITCHELL	10	68.4	45	61.7	34.8
62 MONTGOMERY	12	48.9	49	40.6	35.7
63 MOORE	23	38.3	123	42.7	30.6
64 NASH	27	36.7	128	35.5	36.5
65 NEW HANOVER	26	21.9	155	26.7	28.8
66 NORTHAMPTON	5	22.8	27	24.2	16.2
67 ONSLOW	22	16.7	109	17.3	40.0
68 ORANGE	19	20.9	81	18.7	25.5
69 PAMLICO	8	73.0	26	47.5	37.7
70 PASQUOTANK	9	28.6	33	21.7	[illegible]
71 PENDER	14	50.0	54	41.2	39.3
72 PERQUIMANS	2	17.7	17	31.6	21.6
73 PERSON	8	25.5	48	31.0	27.8
74 PITT	36	34.7	156	31.2	41.3
75 POLK	3	19.9	28	38.2	19.5
76 RANDOLPH	36	34.5	119	23.6	21.2
77 RICHMOND	15	32.7	92	40.2	36.1
78 ROBESON	19	17.7	154	28.8	35.2
79 ROCKINGHAM	31	35.9	147	34.2	31.1
80 ROWAN	36	33.3	166	31.5	24.3
81 RUTHERFORD	16	27.5	98	34.1	25.8
82 SAMPSON	18	35.5	84	33.2	29.9
83 SCOTLAND	10	29.1	44	25.8	31.4
84 STANLY	8	15.4	51	20.1	16.0
85 STOKES	8	21.6	44	24.3	23.0
86 SURRY	21	33.6	115	37.3	33.4
87 SWAIN	3	27.2	22	41.1	34.2
88 TRANSYLVANIA	14	53.2	49	37.8	27.0
89 TYRRELL	2	47.7	8	38.8	34.7
90 UNION	18	20.8	69	16.8	19.0
91 VANCE	10	25.5	64	32.8	34.2
92 WAKE	90	22.5	381	20.2	29.2
93 WARREN	8	48.2	28	33.9	30.8
94 WASHINGTON	4	27.6	30	41.2	42.8
95 WATAUGA	8	22.7	38	22.0	28.1*
96 WAYNE	36	35.9	143	29.0	36.3
97 WILKES	25	40.9	106	34.7	31.8
98 WILSON	18	27.3	100	30.7	34.5
99 YADKIN	11	36.0	47	31.4	21.5
100 YANCEY	11	68.7	30	37.8	23.2

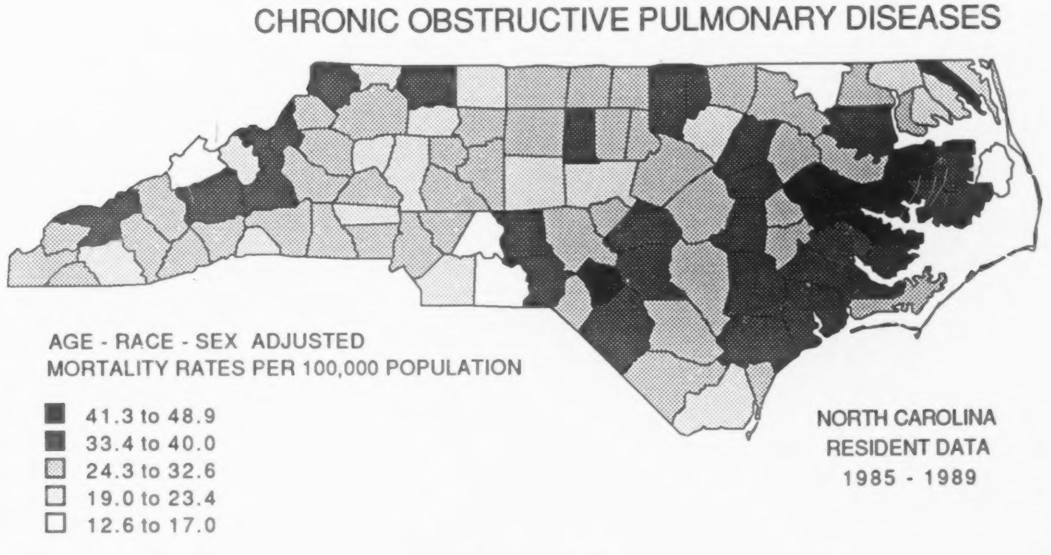
* SEE SECTION II



CHRONIC OBSTRUCTIVE PULMONARY DISEASES

MORTALITY RATES PER 100,000 POPULATION
■ 61.7 to 61.7
■ 46.2 to 53.6
▨ 37.3 to 43.9
▨ 26.5 to 35.5
□ 14.5 to 25.8
NORTH CAROLINA
RESIDENT DATA
1985 - 1989

FIGURE 11.A



CHRONIC OBSTRUCTIVE PULMONARY DISEASES

AGE - RACE - SEX ADJUSTED
MORTALITY RATES PER 100,000 POPULATION
■ 41.3 to 48.9
■ 33.4 to 40.0
▨ 24.3 to 32.6
▨ 19.0 to 23.4
□ 12.6 to 17.0
NORTH CAROLINA
RESIDENT DATA
1985 - 1989

FIGURE 11.B

TABLE-15

MORTALITY STATISTICS FOR 1989

NORTH CAROLINA RESIDENTS

CHRONIC LIVER DISEASE AND CIRRHOSIS

GEOGRAPHICAL AREA	NUMBER OF DEATHS 1989	DEATH RATE* 1989	NUMBER OF DEATHS 1985-89	DEATH RATE* 1985-89	ADJUSTED DEATH RATE* 1985-89
NORTH CAROLINA	760	11.6	3338	10.4	10.4
REGIONS					
D.E.H.N.R. I	95	12.8	384	10.5	10.9
D.E.H.N.R. II	159	11.5	684	10.2	10.5
D.E.H.N.R. III	134	10.0	665	10.1	10.1
D.E.H.N.R. IV	149	11.8	625	10.2	10.2
D.E.H.N.R. V	85	11.6	392	10.9	11.6
D.E.H.N.R. VI	89	14.1	348	11.2	11.3
D.E.H.N.R. VII	49	10.3	240	10.4	11.5
COUNTIES					
1 ALAMANCE	15	14.0	55	10.5	9.4
2 ALEXANDER	3	10.7	9	6.6	9.8
3 ALLEGHANY	0	0.0	4	8.2	28.0*
4 ANSON	3	11.4	10	7.6	6.8
5 ASHE	3	12.8	9	7.7	5.0
6 AVERY	5	32.2	14	18.4	28.2*
7 BEAUFORT	10	23.7	36	17.0	16.4
8 BERTIE	2	9.5	9	8.5	10.3
9 BLADEN	5	16.1	14	9.1	8.5
10 BRUNSWICK	4	7.8	34	13.8	13.2
11 BUNCOMBE	16	9.1	81	9.4	9.0
12 BURKE	11	14.1	42	11.0	13.0
13 CABARRUS	8	8.2	47	9.9	9.2
14 CALDWELL	5	7.0	27	7.6	10.6
15 CAMDEN	0	0.0	1	3.3	2.3
16 CARTERET	6	11.7	32	12.8	10.5
17 CASWELL	2	9.0	9	8.1	7.3
18 CATAWBA	10	8.4	45	7.8	8.3
19 CHATHAM	7	18.7	11	6.0	5.6
20 CHEROKEE	2	9.5	16	15.4	14.1
21 CHOWAN	1	7.4	3	4.5	4.4
22 CLAY	0	0.0	4	11.1	8.2
23 CLEVELAND	20	22.8	65	15.0	15.1
24 COLUMBUS	5	9.5	23	8.8	8.0
25 CRAVEN	10	12.1	31	7.7	9.9
26 CUMBERLAND	23	8.7	128	10.0	13.5
27 CURRITUCK	2	14.0	7	10.2	9.6
28 DARE	1	4.4	10	10.0	8.6
29 DAVIDSON	9	7.2	49	8.0	7.8
30 DAVIE	2	7.2	8	5.8	5.8
31 DUPLIN	8	19.0	29	13.9	13.6
32 DURHAM	20	11.5	86	10.2	9.9
33 EDGECOMBE	11	18.6	47	15.9	13.9
34 FORSYTH	37	13.9	188	14.3	13.5
35 FRANKLIN	2	5.6	15	8.7	8.5
36 GASTON	26	14.9	122	14.1	15.3
37 GATES	0	0.0	4	8.3	9.2
38 GRAHAM	0	0.0	3	8.4	6.3
39 GRANVILLE	8	20.3	19	10.0	7.3
40 GREENE	0	0.0	6	7.3	5.7
41 GUILFORD	30	8.8	157	9.4	9.1

* SEE SECTION II

MORTALITY STATISTICS FOR 1989, NORTH CAROLINA RESIDENTS
CHRONIC LIVER DISEASE AND CIRRHOSIS CONT'D.

COUNTIES (CONT'D)	NUMBER OF DEATHS 1989	DEATH RATE* 1989	NUMBER OF DEATHS 1985-89	DEATH RATE* 1985-89	ADJUSTED DEATH RATE* 1985-89
42 HALIFAX	10	17.6	59	20.9	17.3
43 HARNETT	11	16.4	32	9.8	10.5
44 HAYWOOD	7	14.6	27	11.2	7.5
45 HENDERSON	6	8.5	33	9.7	6.0
46 HERTFORD	6	25.6	22	18.5	18.8
47 HOKE	2	8.2	8	6.8	6.4
48 HYDE	0	0.0	5	17.3	19.0
49 IREDELL	14	15.1	49	10.9	10.8
50 JACKSON	3	11.0	15	11.1	13.6
51 JOHNSTON	12	14.7	48	12.1	11.8
52 JONES	1	10.1	5	10.1	8.0
53 LEE	7	16.5	29	14.0	14.2
54 LENOIR	10	16.7	40	13.3	12.2
55 LINCOLN	4	8.1	20	8.4	9.6
56 MCDOWELL	3	8.2	22	12.1	11.0
57 MACON	6	25.2	13	11.2	6.3
58 MADISON	2	11.5	5	5.8	4.5
59 MARTIN	6	23.0	16	12.1	10.8
60 MECKLENBURG	45	9.3	215	9.3	9.3
61 MITCHELL	3	20.5	11	15.1	10.6
62 MONTGOMERY	0	0.0	10	8.3	7.9
63 MOORE	9	15.0	52	18.1	15.6
64 NASH	17	23.1	53	14.7	14.0
65 NEW HANOVER	14	11.8	72	12.4	12.7
66 NORTHAMPTON	3	13.7	15	13.4	11.8
67 ONSLOW	11	8.4	40	6.3	11.0
68 ORANGE	2	2.2	21	4.8	6.4
69 PAMLICO	1	9.1	6	11.0	7.7
70 PASQUOTANK	6	19.1	14	9.2	8.8
71 PENDER	1	3.6	10	7.6	6.4
72 PERQUIMANS	2	17.7	8	14.9	13.5
73 PERSON	3	9.5	14	9.0	8.1
74 PITT	10	9.6	50	10.0	11.5
75 POLK	3	19.9	6	8.2	7.8
76 RANDOLPH	5	4.8	36	7.1	8.1
77 RICHMOND	8	17.4	38	16.6	15.4
78 ROBESON	15	13.9	54	10.1	10.4
79 ROCKINGHAM	11	12.8	52	12.1	11.6
80 ROWAN	19	17.6	65	12.3	11.6
81 RUTHERFORD	12	20.6	32	11.1	11.0
82 SAMPSON	6	11.8	26	10.3	10.5
83 SCOTLAND	3	8.7	20	11.7	12.3
84 STANLY	5	9.6	22	8.7	8.5
85 STOKES	3	8.1	14	7.7	8.5
86 SURRY	8	12.8	38	12.3	15.9
87 SWAIN	1	9.1	10	18.7	18.0
88 TRANSYLVANIA	8	30.4	17	13.1	16.4
89 TYRRELL	1	23.8	5	24.2	19.0
90 UNION	5	5.8	25	6.1	7.2
91 VANCE	6	15.3	26	13.3	13.4
92 WAKE	32	8.0	129	6.9	8.2
93 WARREN	3	18.1	15	18.2	14.6
94 WASHINGTON	1	6.9	6	8.2	8.1
95 WATAUGA	2	5.7	8	4.6	14.0
96 WAYNE	19	18.9	64	13.0	12.5
97 WILKES	5	8.2	22	7.2	6.8
98 WILSON	6	9.1	38	11.7	11.2
99 YADKIN	2	6.5	16	10.7	15.6
100 YANCEY	2	12.5	6	7.6	5.4

* SEE SECTION II

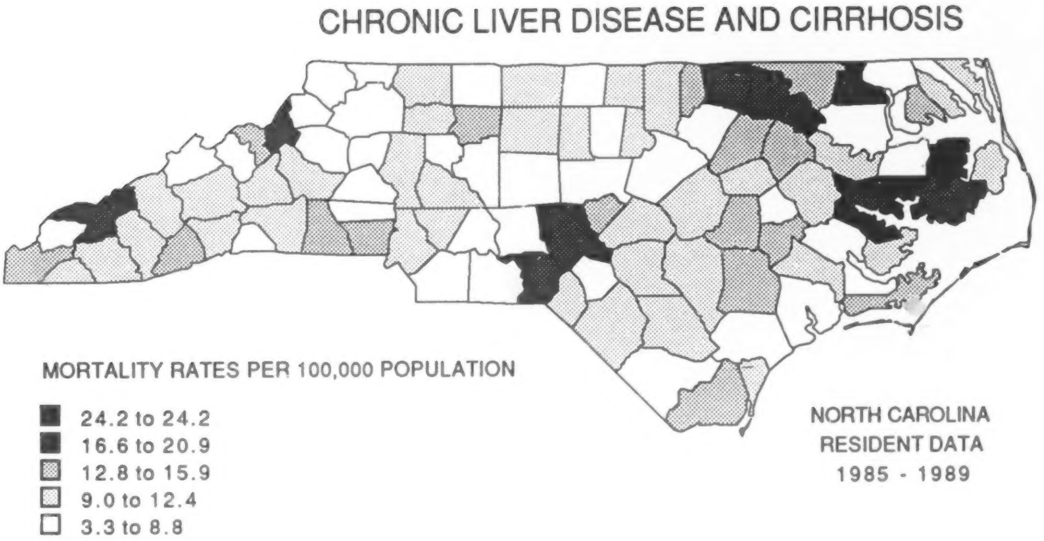

CHRONIC LIVER DISEASE AND CIRRHOSIS
MORTALITY RATES PER 100,000 POPULATION
■ 24.2 to 24.2
■ 16.6 to 20.9
▨ 12.8 to 15.9
▨ 9.0 to 12.4
☐ 3.3 to 8.8
NORTH CAROLINA
RESIDENT DATA
1985 - 1989

FIGURE 12.A

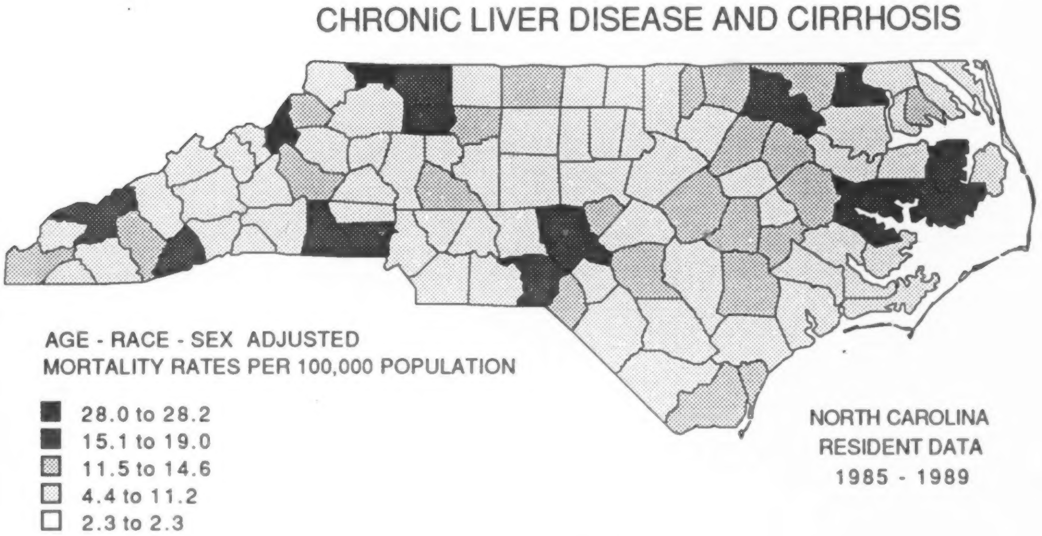

CHRONIC LIVER DISEASE AND CIRRHOSIS
AGE - RACE - SEX ADJUSTED
MORTALITY RATES PER 100,000 POPULATION
■ 28.0 to 28.2
■ 15.1 to 19.0
▨ 11.5 to 14.6
▨ 4.4 to 11.2
☐ 2.3 to 2.3
NORTH CAROLINA
RESIDENT DATA
1985 - 1989

FIGURE 12.B

TABLE-16

MORTALITY STATISTICS FOR 1989

NORTH CAROLINA RESIDENTS

NEPHRITIS AND NEPHROSIS

GEOGRAPHICAL AREA	NUMBER OF DEATHS 1989	DEATH RATE* 1989	NUMBER OF DEATHS 1985-89	DEATH RATE* 1985-89	ADJUSTED DEATH RATE* 1985-89
NORTH CAROLINA	535	8.1	2634	8.2	8.2
REGIONS					
D.E.H.N.R. I	65	8.8	283	7.8	6.7
D.E.H.N.R. II	120	8.7	516	7.7	8.3
D.E.H.N.R. III	104	7.8	513	7.8	8.0
D.E.H.N.R. IV	98	7.7	536	8.8	8.4
D.E.H.N.R. V	52	7.1	291	8.1	8.4
D.E.H.N.R. VI	59	9.4	298	9.6	8.4
D.E.H.N.R. VII	37	7.8	197	8.5	9.5
COUNTIES					
1 ALAMANCE	8	7.5	53	10.1	8.9
2 ALEXANDER	2	7.1	5	3.7	5.4
3 ALLEGHANY	1	10.0	6	12.2	7.3
4 ANSON	1	3.8	9	6.9	5.4
5 ASHE	0	0.0	11	9.4	5.5
6 AVERY	1	6.4	4	5.3	4.5
7 BEAUFORT	6	14.2	23	10.9	8.5
8 BERTIE	4	19.0	17	16.1	12.1
9 BLADEN	5	16.1	21	13.6	11.7
10 BRUNSWICK	5	9.7	13	5.3	5.7
11 BUNCOMBE	15	8.5	59	6.9	5.0
12 BURKE	5	6.4	22	5.7	6.4
13 CABARRUS	10	10.3	31	6.5	6.9
14 CALDWELL	4	5.6	18	5.1	6.0
15 CAMDEN	0	0.0	1	3.3	2.6
16 CARTERET	1	1.9	14	5.6	6.9
17 CASWELL	2	9.0	10	9.0	7.9
18 CATAWBA	13	11.0	56	9.7	12.4
19 CHATHAM	3	8.0	20	11.0	9.2
20 CHEROKEE	0	0.0	5	4.8	2.7
21 CHOWAN	0	0.0	2	3.0	1.2
22 CLAY	1	13.9	3	8.4	4.7
23 CLEVELAND	9	10.3	38	8.8	8.5
24 COLUMBUS	9	17.1	52	19.8	16.6
25 CRAVEN	5	6.1	30	7.4	9.2
26 CUMBERLAND	10	3.8	58	4.5	7.6
27 CURRITUCK	1	7.0	4	5.9	6.8
28 DARE	3	13.2	10	10.0	13.2*
29 DAVIDSON	16	12.7	56	9.1	11.6
30 DAVIE	1	3.6	9	6.6	7.9
31 DUPLIN	4	9.5	36	17.3	13.2
32 DURHAM	14	8.0	85	10.1	9.4
33 EDGECOMBE	7	11.8	29	9.8	6.7
34 FORSYTH	21	7.9	104	7.9	7.5
35 FRANKLIN	5	13.9	20	11.5	7.8
36 GASTON	13	7.5	63	7.3	8.4
37 GATES	0	0.0	5	10.3	5.0
38 GRAHAM	4	56.4	9	25.3	17.0
39 GRANVILLE	2	5.1	16	8.4	4.9
40 GREENE	1	6.1	8	9.7	11.1
41 GUILFORD	31	9.1	112	6.7	6.7

* SEE SECTION II

MORTALITY STATISTICS FOR 1989, NORTH CAROLINA RESIDENTS
NEPHRITIS AND NEPHROSIS CONT'D.

COUNTIES (CONT'D)	NUMBER OF DEATHS 1989	DEATH RATE* 1989	NUMBER OF DEATHS 1985-89	DEATH RATE* 1985-89	ADJUSTED DEATH RATE* 1985-89
42 HALIFAX	6	10.6	37	13.1	7.8
43 HARNETT	4	6.0	28	8.6	9.3
44 HAYWOOD	2	4.2	17	7.1	5.3*
45 HENDERSON	4	5.7	27	7.9	5.7
46 HERTFORD	3	12.8	12	10.1	6.1
47 HOKE	3	12.4	11	9.3	7.3
48 HYDE	1	17.6	3	10.4	8.2
49 IREDELL	11	11.9	47	10.4	11.0
50 JACKSON	5	18.3	17	12.6	14.0
51 JOHNSTON	7	8.6	33	8.3	8.4
52 JONES	1	10.1	4	8.1	6.2
53 LEE	6	14.1	37	17.6	18.4
54 LENOIR	9	15.0	45	14.9	12.3
55 LINCOLN	5	10.1	20	8.4	12.5
56 MCDOWELL	4	11.0	19	10.5	8.1
57 MACON	4	16.8	11	9.4	4.8
58 MADISON	2	11.5	8	9.3	5.5
59 MARTIN	2	7.7	21	15.9	9.9
60 MECKLENBURG	34	7.0	158	6.8	7.5
61 MITCHELL	1	6.8	8	11.0	6.7
62 MONTGOMERY	2	8.1	13	10.8	9.7
63 MOORE	5	8.3	29	10.1	7.5
64 NASH	4	5.4	28	7.8	7.1
65 NEW HANOVER	11	9.2	48	8.3	8.6
66 NORTHAMPTON	3	13.7	16	14.3	12.2
67 ONSLOW	4	3.0	22	3.5	7.9
68 ORANGE	5	5.5	24	5.5	6.8
69 PAMLICO	0	0.0	2	3.7	3.7
70 PASQUOTANK	3	9.5	13	8.5	6.2
71 PENDER	3	10.7	12	9.2	6.5
72 PERQUIMANS	3	26.6	11	20.4	10.0
73 PERSON	5	15.9	20	12.9	10.8
74 PITT	9	8.7	36	7.2	7.4
75 POLK	3	19.9	11	15.0	8.2
76 RANDOLPH	5	4.8	37	7.3	10.8
77 RICHMOND	3	6.5	29	12.7	11.4
78 ROBESON	14	13.0	59	11.0	9.7
79 ROCKINGHAM	8	9.3	35	8.1	8.0
80 ROWAN	8	7.4	49	9.3	7.5
81 RUTHERFORD	7	12.0	25	8.7	7.6
82 SAMPSON	3	5.9	21	8.3	6.5
83 SCOTLAND	2	5.8	13	7.6	11.4
84 STANLY	9	17.4	25	9.8	8.7
85 STOKES	0	0.0	4	2.2	3.5
86 SURRY	3	4.8	30	9.7	7.6
87 SWAIN	0	0.0	8	14.9	10.3
88 TRANSYLVANIA	2	7.6	9	6.9	10.7
89 TYRRELL	1	23.8	2	9.7	5.5
90 UNION	6	6.9	24	5.9	6.8
91 VANCE	5	12.7	19	9.8	8.1
92 WAKE	24	6.0	118	6.3	8.5
93 WARREN	1	6.0	17	20.6	11.1
94 WASHINGTON	0	0.0	10	13.7	9.6
95 WATAUGA	1	2.8	7	4.0	9.0
96 WAYNE	7	7.0	39	7.9	7.7
97 WILKES	4	6.5	26	8.5	11.3
98 WILSON	1	1.5	17	5.2	5.1
99 YADKIN	3	9.8	13	8.7	6.3
100 YANCEY	1	6.2	3	3.8	2.5

* SEE SECTION II

TABLE-17

MORTALITY STATISTICS FOR 1989

NORTH CAROLINA RESIDENTS

UNINTENTIONAL MOTOR VEHICLE INJURIES

GEOGRAPHICAL AREA	NUMBER OF DEATHS 1989	DEATH RATE* 1989	NUMBER OF DEATHS 1985-89	DEATH RATE* 1985-89	ADJUSTED DEATH RATE* 1985-89
NORTH CAROLINA	1580	24.1	7966	24.9	24.9
REGIONS					
D.E.H.N.R. I	169	22.8	865	23.7	23.8
D.E.H.N.R. II	324	23.5	1500	22.4	22.8
D.E.H.N.R. III	291	21.7	1519	23.1	23.2
D.E.H.N.R. IV	286	22.6	1487	24.3	23.6
D.E.H.N.R. V	230	31.3	1146	31.7	30.3
D.E.H.N.R. VI	158	25.1	813	26.3	25.7
D.E.H.N.R. VII	122	25.6	636	27.6	26.8
COUNTIES					
1 ALAMANCE	21	19.6	117	22.4	23.0
2 ALEXANDER	12	42.8	48	35.2	32.7
3 ALLEGHANY	1	10.0	4	8.2	6.7
4 ANSON	11	42.0	39	29.7	26.9
5 ASHE	4	17.0	24	20.5	16.5
6 AVERY	4	25.8	19	25.0	19.4
7 BEAUFORT	11	26.0	56	26.5	28.0
8 BERTIE	4	19.0	41	38.8	40.1
9 BLADEN	13	41.9	57	36.9	34.1
10 BRUNSWICK	19	36.9	91	37.1	39.2
11 BUNCOMBE	45	25.6	173	20.2	19.4
12 BURKE	15	19.3	87	22.7	20.8
13 CABARRUS	19	19.5	109	23.0	24.6
14 CALDWELL	17	23.8	83	23.4	23.7
15 CAMDEN	2	32.1	8	26.8	27.0
16 CARTERET	14	27.2	64	25.5	26.1
17 CASWELL	9	40.5	42	37.7	36.1
18 CATAWBA	34	28.7	154	26.6	26.7
19 CHATHAM	11	29.4	56	30.8	31.8
20 CHEROKEE	3	14.2	23	22.2	36.9
21 CHOWAN	2	14.7	19	28.2	32.6
22 CLAY	1	13.9	9	25.1	19.1
23 CLEVELAND	14	16.0	82	18.9	19.3
24 COLUMBUS	17	32.2	111	42.3	43.4
25 CRAVEN	13	15.8	78	19.3	19.0
26 CUMBERLAND	65	24.7	330	25.7	25.1
27 CURRITUCK	4	28.0	24	35.1	39.6
28 DARE	6	26.3	20	19.9	23.6
29 DAVIDSON	35	27.9	160	26.1	27.0
30 DAVIE	7	25.1	46	33.6	40.8
31 DUPLIN	19	45.1	70	33.6	34.2
32 DURHAM	21	12.0	126	15.0	14.1
33 EDGECOMBE	15	25.3	72	24.3	25.9
34 FORSYTH	35	13.1	196	14.9	15.4
35 FRANKLIN	12	33.3	56	32.3	31.2
36 GASTON	40	23.0	201	23.2	24.1
37 GATES	6	60.6	26	53.8	51.2
38 GRAHAM	1	14.1	6	16.9	45.8
39 GRANVILLE	18	45.6	77	40.3	43.6
40 GREENE	1	6.1	23	27.9	25.1
41 GUILFORD	69	20.3	346	20.8	21.4

* SEE SECTION II

MORTALITY STATISTICS FOR 1989, NORTH CAROLINA RESIDENTS
UNINTENTIONAL MOTOR VEHICLE INJURIES CONT'D.

COUNTIES (CONT'D)	NUMBER OF DEATHS 1989	DEATH RATE* 1989	NUMBER OF DEATHS 1985-89	DEATH RATE* 1985-89	ADJUSTED DEATH RATE* 1985-89
42 HALIFAX	19	33.5	79	28.0	23.1
43 HARNETT	23	34.3	112	34.4	34.6
44 HAYWOOD	5	10.4	59	24.5	20.0
45 HENDERSON	21	29.8	91	26.7	25.3
46 HERTFORD	5	21.3	38	32.0	21.1
47 HOKE	4	16.5	24	20.4	16.9
48 HYDE	4	70.4	13	44.9	43.0
49 IREDELL	38	41.1	144	32.0	33.1
50 JACKSON	9	32.9	27	20.0	18.6
51 JOHNSTON	24	29.4	135	34.0	34.8
52 JONES	3	30.2	20	40.5	41.9
53 LEE	16	37.7	69	33.3	34.5
54 LENOIR	17	28.3	81	26.9	29.4
55 LINCOLN	16	32.4	77	32.5	33.8
56 MCDOWELL	8	22.0	53	29.2	29.6
57 MACON	2	8.4	19	16.3	50.0
58 MADISON	2	11.5	18	20.8	16.5
59 MARTIN	11	42.2	45	34.1	31.4
60 MECKLENBURG	76	15.6	382	16.5	16.9
61 MITCHELL	7	47.9	23	31.6	24.6
62 MONTGOMERY	5	20.4	40	33.2	34.6
63 MOORE	19	31.6	93	32.3	34.0
64 NASH	29	39.4	122	33.8	33.9
65 NEW HANOVER	19	16.0	113	19.5	19.5
66 NORTHAMPTON	4	18.2	40	35.8	27.8
67 ONSLOW	19	14.4	137	21.7	20.3
68 ORANGE	14	15.4	84	19.4	19.7
69 PAMLICO	1	9.1	14	25.6	28.1
70 PASQUOTANK	11	35.0	39	25.6	26.2
71 PENDER	15	53.6	50	38.1	37.8
72 PERQUIMANS	1	8.9	9	16.7	22.0
73 PERSON	9	28.6	43	27.8	27.3
74 PITT	21	20.2	109	21.8	20.6
75 POLK	2	13.3	23	31.4	32.3
76 RANDOLPH	34	32.6	156	30.9	30.1
77 RICHMOND	17	37.0	75	32.7	33.7
78 ROBESON	43	39.9	212	39.6	30.1
79 ROCKINGHAM	20	23.2	139	32.4	32.9
80 ROWAN	36	33.3	136	25.8	25.7
81 RUTHERFORD	17	29.2	87	30.3	30.0
82 SAMPSON	22	43.4	100	39.5	40.3
83 SCOTLAND	8	23.3	64	37.5	41.3
84 STANLY	14	27.0	57	22.5	22.1
85 STOKES	8	21.6	50	27.6	30.3
86 SURRY	21	33.6	88	28.5	25.7
87 SWAIN	2	18.1	14	26.1	27.8
88 TRANSYLVANIA	2	7.6	31	23.9	22.6
89 TYRRELL	1	23.8	4	19.4	28.7
90 UNION	25	28.9	110	26.8	28.8
91 VANCE	10	25.5	64	32.8	34.9
92 WAKE	56	14.0	330	17.5	17.6
93 WARREN	10	60.2	39	47.2	50.2
94 WASHINGTON	3	20.7	25	34.3	38.5
95 WATAUGA	6	17.0	33	19.1	14.4
96 WAYNE	31	30.9	121	24.5	24.7
97 WILKES	15	24.5	83	27.2	29.8
98 WILSON	18	27.3	95	29.2	28.9
99 YADKIN	6	19.6	35	23.4	30.1
100 YANCEY	6	37.5	20	25.2	19.6

* SEE SECTION II

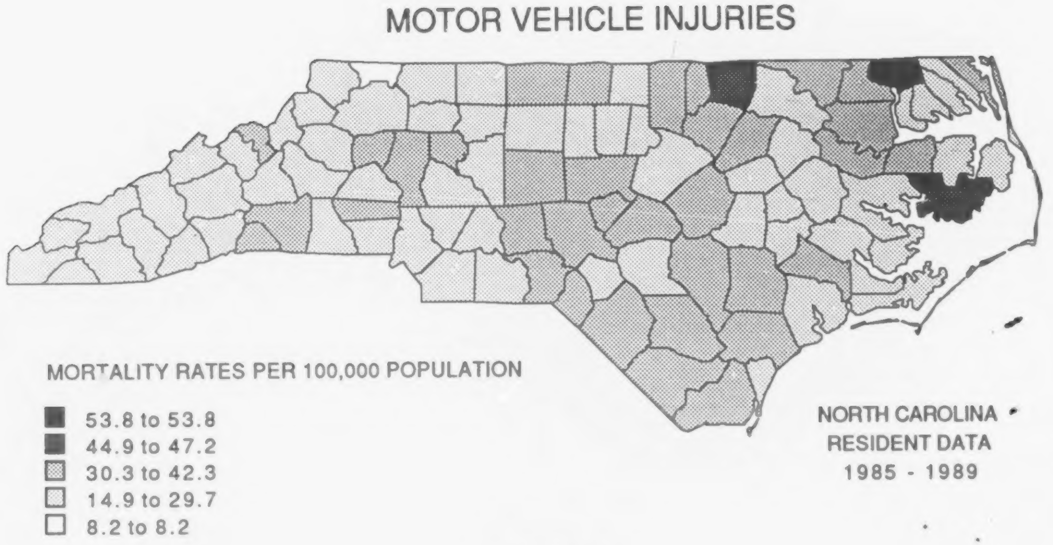

MOTOR VEHICLE INJURIES
MORTALITY RATES PER 100,000 POPULATION
■ 53.8 to 53.8
■ 44.9 to 47.2
▨ 30.3 to 42.3
▨ 14.9 to 29.7
☐ 8.2 to 8.2
NORTH CAROLINA
RESIDENT DATA
1985 - 1989

FIGURE 13.A

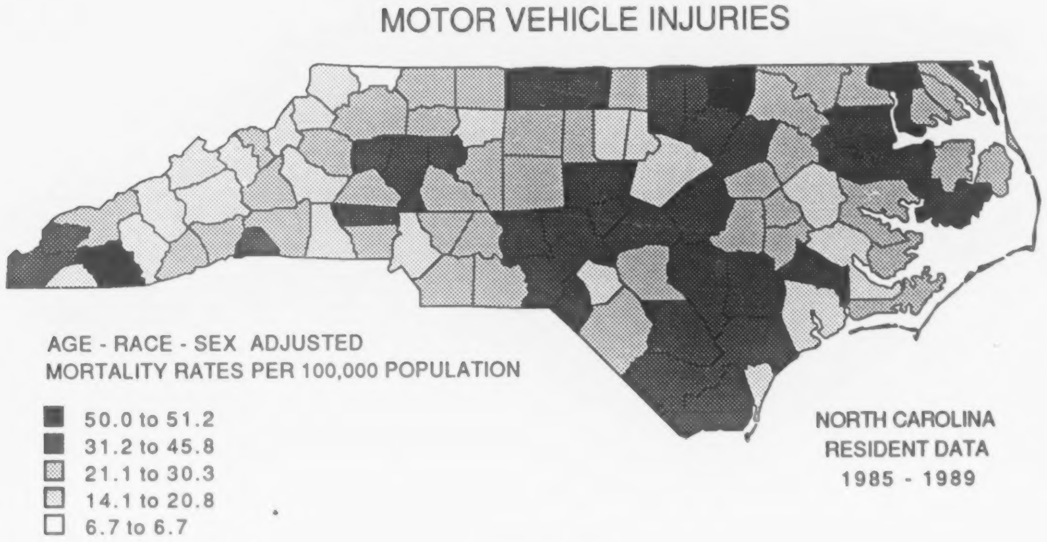

MOTOR VEHICLE INJURIES
AGE - RACE - SEX ADJUSTED
MORTALITY RATES PER 100,000 POPULATION
■ 50.0 to 51.2
■ 31.2 to 45.8
▨ 21.1 to 30.3
▨ 14.1 to 20.8
☐ 6.7 to 6.7
NORTH CAROLINA
RESIDENT DATA
1985 - 1989

FIGURE 13.B

TABLE-18

MORTALITY STATISTICS FOR 1989

NORTH CAROLINA RESIDENTS

ALL OTHER UNINTENTIONAL INJURIES AND ADVERSE EFFECTS

GEOGRAPHICAL AREA	NUMBER OF DEATHS 1989	DEATH RATE* 1989	NUMBER OF DEATHS 1985-89	DEATH RATE* 1985-89	ADJUSTED DEATH RATE* 1985-89
NORTH CAROLINA	1597	24.3	7662	23.9	23.9
REGIONS					
D.E.H.N.R. I	212	28.6	967	26.5	25.9
D.E.H.N.R. II	316	22.9	1488	22.3	23.1
D.E.H.N.R. III	288	21.5	1441	21.9	22.0
D.E.H.N.R. IV	314	24.8	1476	24.1	23.4
D.E.H.N.R. V	209	28.4	968	26.8	26.6
D.E.H.N.R. VI	158	25.1	786	25.4	23.7
D.E.H.N.R. VII	100	21.0	536	23.2	24.1
COUNTIES					
1 ALAMANCE	23	21.5	116	22.2	21.4
2 ALEXANDER	5	17.8	29	21.3	24.0
3 ALLEGHANY	2	20.0	9	18.4	12.4
4 ANSON	7	26.7	50	38.1	31.5
5 ASHE	5	21.3	23	19.7	12.4
6 AVERY	5	32.2	21	27.7	22.3
7 BEAUFORT	11	26.0	63	29.8	27.4
8 BERTIE	10	47.6	35	33.1	22.7
9 BLADEN	8	25.8	50	32.4	29.3
10 BRUNSWICK	8	15.5	48	19.5	20.0
11 BUNCOMBE	45	25.6	243	28.3	26.5
12 BURKE	26	33.4	100	26.1	31.4
13 CABARRUS	20	20.6	95	20.1	21.2
14 CALDWELL	20	28.0	71	20.1	23.8
15 CAMDEN	2	32.1	14	46.9	40.5
16 CARTERET	19	36.9	76	30.3	35.7
17 CASWELL	6	27.0	30	27.0	22.4
18 CATAWBA	28	23.6	131	22.7	26.5
19 CHATHAM	11	29.4	58	31.9	28.4
20 CHEROKEE	9	42.6	28	27.0	23.4
21 CHOWAN	8	58.9	23	34.2	29.8
22 CLAY	0	0.0	3	8.4	5.3
23 CLEVELAND	10	11.4	98	22.6	22.7
24 COLUMBUS	21	39.8	90	34.3	32.3
25 CRAVEN	19	23.0	74	18.3	19.2
26 CUMBERLAND	77	29.2	313	24.4	29.8
27 CURRITUCK	0	0.0	6	8.8	8.2
28 DARE	9	39.5	31	30.9	33.0
29 DAVIDSON	25	19.9	126	20.5	21.8
30 DAVIE	5	17.9	34	24.9	25.2
31 DUPLIN	9	21.4	62	29.7	26.0
32 DURHAM	42	24.1	203	24.1	22.8
33 EDGECOMBE	20	33.7	92	31.1	26.1
34 FORSYTH	60	22.5	315	23.9	23.3
35 FRANKLIN	13	36.1	55	31.7	27.1
36 GASTON	50	28.7	203	23.5	24.4
37 GATES	1	10.1	12	24.8	21.5
38 GRAHAM	3	42.3	17	47.8	52.5
39 GRANVILLE	10	25.3	49	25.7	23.2
40 GREENE	9	54.6	21	25.5	25.7
41 GUILFORD	68	20.1	353	21.2	20.6

* SEE SECTION II

MORTALITY STATISTICS FOR 1989, NORTH CAROLINA RESIDENTS
ALL OTHER UNINTENTIONAL INJURIES AND ADVERSE EFFECTS CONT'D.

COUNTIES (CONT'D)	NUMBER OF DEATHS 1989	DEATH RATE* 1989	NUMBER OF DEATHS 1985-89	DEATH RATE* 1985-89	ADJUSTED DEATH RATE* 1985-89
42 HALIFAX	23	40.5	96	34.0	27.0
43 HARNETT	21	31.3	92	28.3	30.1
44 HAYWOOD	10	20.8	74	30.7	19.9
45 HENDERSON	30	42.6	98	28.8	26.9
46 HERTFORD	5	21.3	46	38.7	32.6
47 HOKE	3	12.4	18	15.3	17.3
48 HYDE	2	35.2	8	27.6	25.5
49 IREDELL	27	29.2	123	27.3	27.8
50 JACKSON	7	25.6	30	22.2	21.4
51 JOHNSTON	13	15.9	110	27.7	29.0
52 JONES	3	30.2	15	30.4	28.5
53 LEE	15	35.3	58	28.0	28.6
54 LENOIR	14	23.3	82	27.2	24.5
55 LINCOLN	11	22.3	60	25.3	28.6
56 MCDOWELL	6	16.5	38	20.9	16.7
57 MACON	7	29.4	35	30.0	17.6
58 MADISON	5	28.8	31	35.9	58.9
59 MARTIN	5	19.2	35	26.5	22.7
60 MECKLENBURG	108	22.2	462	19.9	20.3
61 MITCHELL	2	13.7	14	19.2	11.3
62 MONTGOMERY	8	32.6	34	28.2	25.9
63 MOORE	11	18.3	61	21.2	20.0
64 NASH	33	44.9	132	36.6	34.2
65 NEW HANOVER	20	16.8	115	19.8	20.8
66 NORTHAMPTON	9	41.0	33	29.6	20.4
67 ONSLOW	17	12.9	111	17.6	22.8
68 ORANGE	13	14.3	63	14.5	16.9
69 PAMLICO	3	27.4	24	43.9	41.2
70 PASQUOTANK	8	25.5	30	19.7	18.2
71 PENDER	6	21.4	34	25.9	23.2
72 PERQUIMANS	5	44.4	17	31.6	29.4
73 PERSON	9	28.6	36	23.3	20.9
74 PITT	12	11.6	107	21.4	22.7
75 POLK	7	46.5	26	35.5	21.9
76 RANDOLPH	17	16.3	94	18.6	19.0
77 RICHMOND	8	17.4	56	24.4	24.1
78 ROBESON	41	38.1	189	35.3	28.4
79 ROCKINGHAM	23	26.7	103	24.0	23.7
80 ROWAN	25	23.1	146	27.7	25.4
81 RUTHERFORD	14	24.0	74	25.8	25.0
82 SAMPSON	15	29.6	66	26.1	22.8
83 SCOTLAND	10	29.1	39	22.8	24.5
84 STANLY	16	30.9	66	26.0	24.5
85 STOKES	18	48.5	40	22.1	28.8
86 SURRY	14	22.4	61	19.8	15.7
87 SWAIN	6	54.4	23	43.0	40.8
88 TRANSYLVANIA	6	22.8	22	17.0	19.3
89 TYRRELL	0	0.0	2	9.7	7.5
90 UNION	16	18.5	75	18.3	21.3
91 VANCE	13	33.1	77	39.5	32.5
92 WAKE	69	17.2	305	16.2	19.2
93 WARREN	7	42.2	28	33.9	33.7
94 WASHINGTON	3	20.7	19	26.1	24.8
95 WATAUGA	5	14.2	35	20.2	22.1
96 WAYNE	29	28.9	122	24.7	24.1
97 WILKES	8	13.1	57	18.7	17.0
98 WILSON	14	21.2	81	24.9	23.0
99 YADKIN	9	29.5	45	30.1	29.0
100 YANCEY	4	25.0	19	23.9	53.3*

* SEE SECTION II

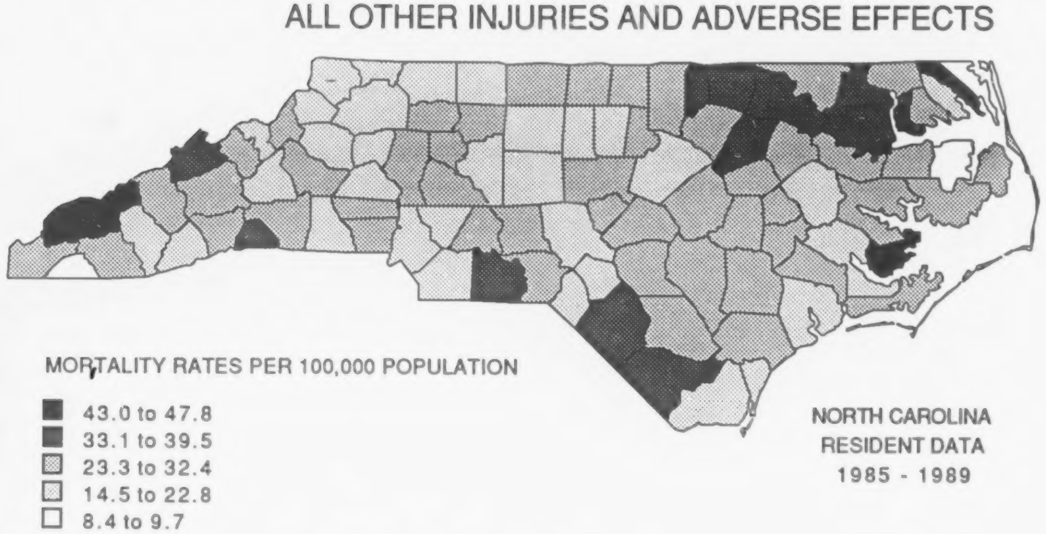

ALL OTHER INJURIES AND ADVERSE EFFECTS
MORTALITY RATES PER 100,000 POPULATION
■ 43.0 to 47.8
■ 33.1 to 39.5
▨ 23.3 to 32.4
▨ 14.5 to 22.8
□ 8.4 to 9.7
NORTH CAROLINA
RESIDENT DATA
1985 - 1989

FIGURE 14.A

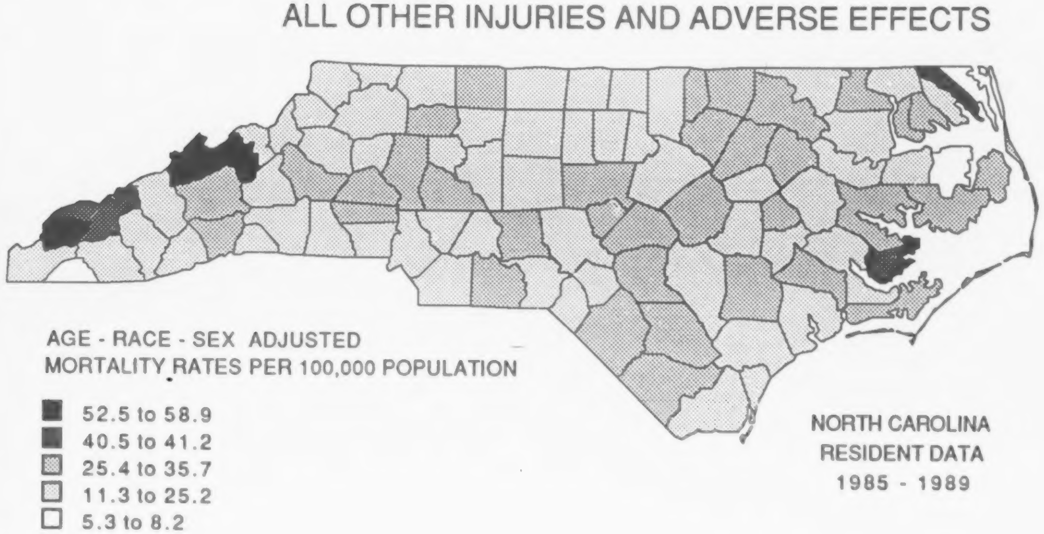

ALL OTHER INJURIES AND ADVERSE EFFECTS
AGE - RACE - SEX ADJUSTED
MORTALITY RATES PER 100,000 POPULATION
■ 52.5 to 58.9
■ 40.5 to 41.2
▨ 25.4 to 35.7
▨ 11.3 to 25.2
□ 5.3 to 8.2
NORTH CAROLINA
RESIDENT DATA
1985 - 1989

FIGURE 14.B

TABLE-19

MORTALITY STATISTICS FOR 1989

NORTH CAROLINA RESIDENTS

SUICIDE

GEOGRAPHICAL AREA	NUMBER OF DEATHS 1989	DEATH RATE* 1989	NUMBER OF DEATHS 1985-89	DEATH RATE* 1985-89	ADJUSTED DEATH RATE* 1985-89
NORTH CAROLINA	871	13.3	4003	12.5	12.5
REGIONS					
D.E.H.N.R. I	117	15.8	548	15.0	14.0
D.E.H.N.R. II	202	14.6	841	12.6	12.2
D.E.H.N.R. III	196	14.6	909	13.8	13.2
D.E.H.N.R. IV	137	10.8	677	11.1	11.9
D.E.H.N.R. V	79	10.7	409	11.3	12.8
D.E.H.N.R. VI	79	12.5	368	11.9	13.1
D.E.H.N.R. VII	61	12.8	251	10.9	11.3
COUNTIES					
1 ALAMANCE	15	14.0	73	14.0	13.5
2 ALEXANDER	5	17.8	26	19.1	23.0
3 ALLEGHANY	2	20.0	11	22.4	17.4
4 ANSON	3	11.4	26	19.8	26.7
5 ASHE	1	4.3	13	11.1	8.2
6 AVERY	3	19.3	5	6.6	5.3
7 BEAUFORT	9	21.3	31	14.7	15.9
8 BERTIE	2	9.5	11	10.4	10.5
9 BLADEN	3	9.7	19	12.3	13.6
10 BRUNSWICK	8	15.5	29	11.8	11.5
11 BUNCOMBE	25	14.2	119	13.9	12.9
12 BURKE	12	15.4	59	15.4	15.8
13 CABARRUS	16	16.4	60	12.7	12.1
14 CALDWELL	14	19.6	56	15.8	14.9
15 CAMDEN	0	0.0	3	10.0	10.2
16 CARTERET	6	11.7	33	13.2	11.3
17 CASWELL	2	9.0	10	9.0	10.2
18 CATAWBA	17	14.4	69	11.9	10.9
19 CHATHAM	2	5.3	23	12.6	12.3
20 CHEROKEE	4	18.9	17	16.4	11.6
21 CHOWAN	3	22.1	8	11.9	12.5
22 CLAY	0	0.0	4	11.1	7.6
23 CLEVELAND	12	13.7	49	11.3	11.4
24 COLUMBUS	6	11.4	25	9.5	10.1
25 CRAVEN	12	14.5	50	12.4	13.4
26 CUMBERLAND	25	9.5	136	10.6	12.2
27 CURRITUCK	3	21.0	15	22.0	21.1
28 DARE	2	8.8	13	13.0	9.4
29 DAVIDSON	15	11.9	75	12.2	11.5
30 DAVIE	7	25.1	19	13.9	12.9
31 DUPLIN	4	9.5	23	11.0	12.4
32 DURHAM	14	8.0	78	9.3	10.6
33 EDGECOMBE	4	6.7	29	9.8	13.0
34 FORSYTH	42	15.7	168	12.8	12.7
35 FRANKLIN	6	16.7	19	11.0	12.3
36 GASTON	39	22.4	113	13.1	12.0
37 GATES	2	20.2	4	8.3	9.8
38 GRAHAM	0	0.0	1	2.8	2.1
39 GRANVILLE	4	10.1	25	13.1	12.0
40 GREENE	2	12.1	9	10.9	13.3
41 GUILFORD	46	13.6	225	13.5	13.7

* SEE SECTION II

MORTALITY STATISTICS FOR 1989, NORTH CAROLINA RESIDENTS
SUICIDE CONT'D.

COUNTIES (CONT'D)	NUMBER OF DEATHS - 1989	DEATH RATE* 1989	NUMBER OF DEATHS 1985-89	DEATH RATE* 1985-89	ADJUSTED DEATH RATE* 1985-89
42 HALIFAX	4	7.0	28	9.9	11.7
43 HARNETT	7	10.4	41	12.6	13.3
44 HAYWOOD	10	20.8	41	17.0	13.0
45 HENDERSON	7	9.9	57	16.7	12.4
46 HERTFORD	1	4.3	9	7.6	5.7
47 HOKE	1	4.1	7	5.9	5.8
48 HYDE	0	0.0	6	20.7	19.5
49 IREDELL	21	22.7	73	16.2	15.9
50 JACKSON	8	29.2	25	18.5	18.6
51 JOHNSTON	11	13.5	64	16.1	15.7
52 JONES	1	10.1	4	8.1	7.2
53 LEE	6	14.1	31	14.9	15.2
54 LENOIR	6	10.0	36	11.9	14.2
55 LINCOLN	8	16.2	36	15.2	15.4
56 MCDOWELL	8	22.0	26	14.3	20.5
57 MACON	3	12.6	19	16.3	11.5
58 MADISON	4	23.1	12	13.9	11.0
59 MARTIN	4	15.3	18	13.6	15.4
60 MECKLENBURG	58	11.9	257	11.1	11.5
61 MITCHELL	1	6.8	13	17.8	12.6
62 MONTGOMERY	2	8.1	12	9.9	9.4
63 MOORE	9	15.0	39	13.5	12.0
64 NASH	8	10.9	37	10.3	11.6
65 NEW HANOVER	23	19.3	77	13.3	13.3
66 NORTHAMPTON	7	31.9	15	13.4	16.0
67 ONSLOW	9	6.8	47	7.5	9.4
68 ORANGE	10	11.0	51	11.8	12.2
69 PAMLICO	1	9.1	8	14.6	15.0
70 PASQUOTANK	5	15.9	13	8.5	9.9
71 PENDER	5	17.9	17	13.0	13.4
72 PERQUIMANS	3	26.6	12	22.3	24.5
73 PERSON	4	12.7	21	13.6	14.5
74 PITT	6	7.7	53	10.6	13.2
75 POLK	3	19.9	11	15.0	11.8
76 RANDOLPH	10	9.6	59	11.7	10.5
77 RICHMOND	6	13.1	20	8.7	9.2
78 ROBESON	12	11.1	51	9.5	11.1
79 ROCKINGHAM	12	13.9	67	15.6	15.3
80 ROWAN	11	10.2	69	13.1	12.1
81 RUTHERFORD	7	12.0	38	13.2	12.2
82 SAMPSON	5	9.9	35	13.8	14.9
83 SCOTLAND	6	17.4	23	13.5	15.6
84 STANLY	6	11.6	46	18.1	15.6
85 STOKES	6	16.2	25	13.8	13.3
86 SURRY	13	20.8	58	18.8	17.6
87 SWAIN	1	9.1	11	20.5	20.0
88 TRANSYLVANIA	6	22.8	25	19.3	17.4
89 TYRRELL	0	0.0	2	9.7	11.0
90 UNION	9	10.4	43	10.5	10.6
91 VANCE	2	5.1	20	10.3	12.9
92 WAKE	44	11.0	172	9.1	8.9
93 WARREN	3	18.1	10	12.1	18.5
94 WASHINGTON	3	20.7	5	6.9	5.7
95 WATAUGA	7	19.9	22	12.7	10.4
96 WAYNE	12	12.0	58	11.8	13.1
97 WILKES	15	24.5	61	20.0	18.9
98 WILSON	8	12.1	54	16.6	18.6
99 YADKIN	3	9.8	23	15.4	14.0
100 YANCEY	1	6.2	9	11.3	19.8

* SEE SECTION II

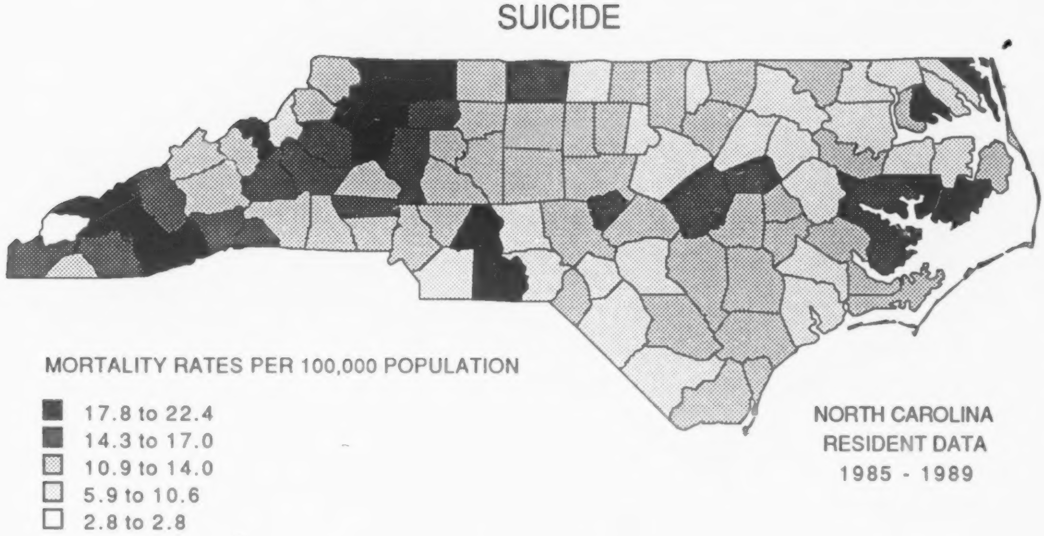

SUICIDE
MORTALITY RATES PER 100,000 POPULATION
17.8 to 22.4
14.3 to 17.0
10.9 to 14.0
5.9 to 10.6
2.8 to 2.8
NORTH CAROLINA
RESIDENT DATA
1985 - 1989

FIGURE 15.A

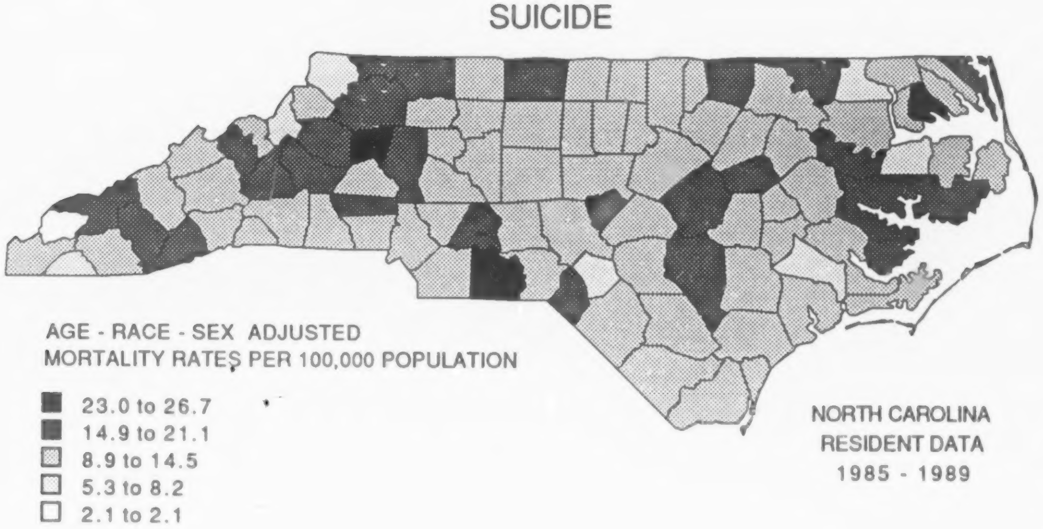

SUICIDE
AGE - RACE - SEX ADJUSTED
MORTALITY RATES PER 100,000 POPULATION
23.0 to 26.7
14.9 to 21.1
8.9 to 14.5
5.3 to 8.2
2.1 to 2.1
NORTH CAROLINA
RESIDENT DATA
1985 - 1989

FIGURE 15.B

TABLE-20

MORTALITY STATISTICS FOR 1989

NORTH CAROLINA RESIDENTS

HOMICIDE

GEOGRAPHICAL AREA	NUMBER OF DEATHS 1989	DEATH RATE* 1989	NUMBER OF DEATHS 1985-89	DEATH RATE* 1985-89	ADJUSTED DEATH RATE* 1985-89
NORTH CAROLINA	704	10.7	3015	9.4	9.4
REGIONS					
D.E.H.N.R. I	60	8.1	258	7.1	9.8
D.E.H.N.R. II	159	11.5	637	9.5	10.7
D.E.H.N.R. III	130	9.7	565	8.6	9.5
D.E.H.N.R. IV	132	10.4	623	10.2	9.0
D.E.H.N.R. V	116	15.8	465	12.9	11.3
D.E.H.N.R. VI	69	10.9	286	9.2	8.2
D.E.H.N.R. VII	38	8.0	181	7.8	7.9
COUNTIES					
1 ALAMANCE	6	5.6	39	7.5	8.2
2 ALEXANDER	0	0.0	2	1.5	1.2
3 ALLEGHANY	0	0.0	1	2.0	1.7
4 ANSON	5	19.1	25	19.1	17.5
5 ASHE	0	0.0	0	0.0	0.0
6 AVERY	2	12.9	3	4.0	41.2
7 BEAUFORT	1	2.4	16	7.6	7.9
8 BERTIE	4	19.0	12	11.4	10.9
9 BLADEN	2	6.4	17	11.0	8.5
10 BRUNSWICK	3	5.8	27	11.0	11.6
11 BUNCOMBE	14	8.0	59	6.9	9.3
12 BURKE	8	10.3	31	8.1	10.4
13 CABARRUS	8	8.2	35	7.4	10.6
14 CALDWELL	8	11.2	29	8.2	9.0
15 CAMDEN	0	0.0	4	13.4	12.9
16 CARTERET	5	9.7	14	5.6	7.3
17 CASWELL	1	4.5	7	6.3	5.3
18 CATAWBA	12	10.1	40	6.9	11.1
19 CHATHAM	3	8.0	19	10.4	9.9
20 CHEROKEE	2	9.5	6	5.8	5.3
21 CHOWAN	1	7.4	7	10.4	10.3
22 CLAY	0	0.0	0	0.0	0.0
23 CLEVELAND	6	6.8	43	9.9	11.1
24 COLUMBUS	11	20.9	29	11.1	9.8
25 CRAVEN	4	4.8	33	8.2	7.4
26 CUMBERLAND	42	15.9	168	13.1	11.8
27 CURRITUCK	0	0.0	5	7.3	10.3
28 DARE	0	0.0	3	3.0	4.0
29 DAVIDSON	9	7.2	48	7.8	10.8
30 DAVIE	2	7.2	9	6.6	8.5
31 DUPLIN	8	19.0	19	9.1	9.5
32 DURHAM	16	9.2	104	12.3	9.7
33 EDGECOMBE	9	15.2	38	12.8	9.9
34 FORSYTH	34	12.7	144	10.9	10.4
35 FRANKLIN	3	8.3	25	14.4	13.1
36 GASTON	20	11.5	81	9.4	12.4
37 GATES	1	10.1	4	8.3	4.3
38 GRAHAM	1	14.1	4	11.2	9.3
39 GRANVILLE	7	17.7	26	13.6	11.9
40 GREENE	1	6.1	6	7.3	7.2
41 GUILFORD	43	12.7	171	10.3	9.5

* SEE SECTION II

MORTALITY STATISTICS FOR 1989, NORTH CAROLINA RESIDENTS
HOMICIDE CONT'D.

COUNTIES (CONT'D)	NUMBER OF DEATHS 1989	DEATH RATE* 1989	NUMBER OF DEATHS 1985-89	DEATH RATE* 1985-89	ADJUSTED DEATH RATE* 1985-89
42 HALIFAX	6	10.6	28	9.9	7.5
43 HARNETT	13	19.4	43	13.2	13.9
44 HAYWOOD	4	8.3	14	5.8	8.7
45 HENDERSON	2	2.8	22	6.5	9.3
46 HERTFORD	2	8.5	12	10.1	6.8
47 HOKE	4	16.5	10	8.5	9.5
48 HYDE	2	35.2	3	10.4	10.6
49 IREDELL	9	9.7	42	9.3	10.6
50 JACKSON	2	7.3	6	4.4	5.5
51 JOHNSTON	15	18.4	47	11.8	13.3
52 JONES	1	10.1	4	8.1	10.0
53 LEE	9	21.2	25	12.0	13.1
54 LENOIR	14	23.3	41	13.6	11.0
55 LINCOLN	4	8.1	16	6.8	8.2
56 MCDOWELL	4	11.0	17	9.4	7.6
57 MACON	1	4.2	5	4.3	20.3
58 MADISON	1	5.8	7	8.1	6.6
59 MARTIN	3	11.5	13	9.9	8.6
60 MECKLENBURG	82	16.9	301	13.0	11.4
61 MITCHELL	0	0.0	2	2.7	1.9
62 MONTGOMERY	1	4.1	7	5.8	6.0
63 MOORE	7	11.7	24	8.3	9.3
64 NASH	11	15.0	45	12.5	11.7
65 NEW HANOVER	5	4.2	42	7.2	7.4
66 NORTHAMPTON	3	13.7	16	14.3	8.3
67 ONSLOW	4	3.0	34	5.4	5.8
68 ORANGE	2	2.2	29	6.7	6.5
69 PAMLICO	1	9.1	2	3.7	3.2
70 PASQUOTANK	3	9.5	12	7.9	7.3
71 PENDER	2	7.1	16	12.2	10.4
72 PERQUIMANS	3	26.6	4	7.4	5.0
73 PERSON	2	6.4	9	5.8	5.8
74 PITT	11	10.6	34	6.8	6.8
75 POLK	0	0.0	5	6.8	14.8
76 RANDOLPH	10	9.6	44	8.7	15.2
77 RICHMOND	8	17.4	29	12.7	12.9
78 ROBESON	19	17.7	91	17.0	12.0
79 ROCKINGHAM	10	11.6	35	8.1	8.9
80 ROWAN	10	9.3	38	7.2	8.9
81 RUTHERFORD	7	12.0	30	10.4	12.4
82 SAMPSON	7	13.8	22	8.7	7.6
83 SCOTLAND	8	23.3	29	17.0	14.0
84 STANLY	1	1.9	11	4.3	4.8
85 STOKES	3	8.1	12	6.6	7.9
86 SURRY	5	8.0	17	5.5	8.4
87 SWAIN	1	9.1	7	13.1	14.3
88 TRANSYLVANIA	3	11.4	8	6.2	11.8
89 TYRRELL	0	0.0	2	9.7	11.8
90 UNION	7	8.1	28	6.8	8.9
91 VANCE	7	17.8	28	14.4	11.7
92 WAKE	27	6.7	134	7.1	7.0
93 WARREN	3	18.1	5	6.1	2.0
94 WASHINGTON	0	0.0	4	5.5	4.1
95 WATAUGA	1	2.8	4	2.3	1.9
96 WAYNE	17	16.9	65	13.2	11.9
97 WILKES	6	9.8	32	10.5	13.5
98 WILSON	9	13.6	45	13.8	12.1
99 YADKIN	0	0.0	2	1.3	1.1
100 YANCEY	0	0.0	3	3.8	3.2

* SEE SECTION II

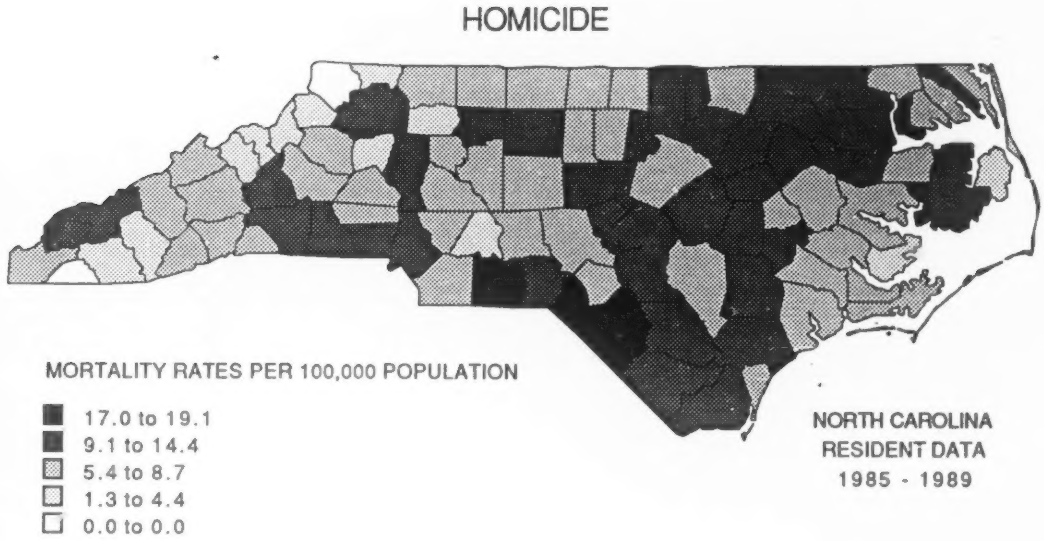

HOMICIDE
MORTALITY RATES PER 100,000 POPULATION
■ 17.0 to 19.1
■ 9.1 to 14.4
▨ 5.4 to 8.7
▨ 1.3 to 4.4
□ 0.0 to 0.0
NORTH CAROLINA
RESIDENT DATA
1985 - 1989

FIGURE 16.A

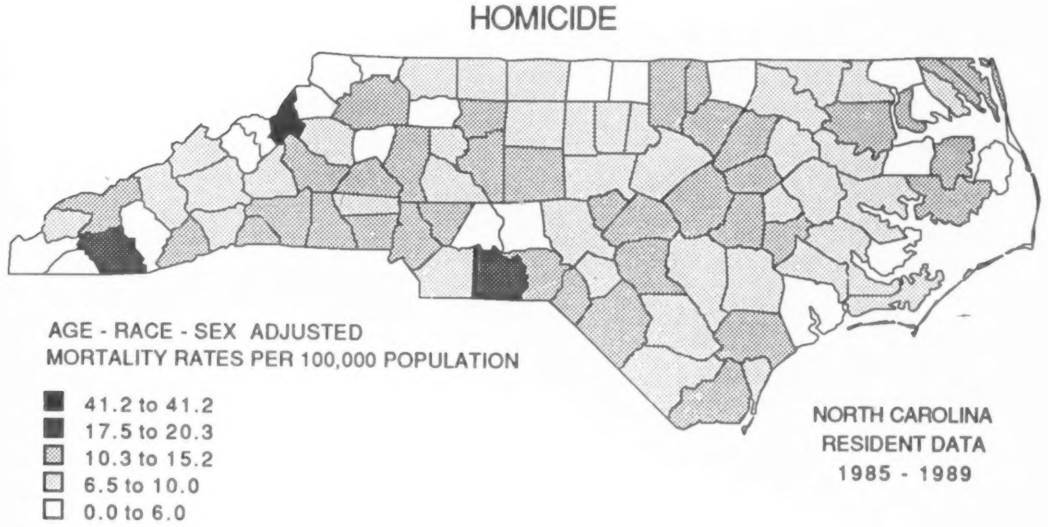

HOMICIDE
AGE - RACE - SEX ADJUSTED
MORTALITY RATES PER 100,000 POPULATION
■ 41.2 to 41.2
■ 17.5 to 20.3
▨ 10.3 to 15.2
▨ 6.5 to 10.0
□ 0.0 to 6.0
NORTH CAROLINA
RESIDENT DATA
1985 - 1989

FIGURE 16.B

TABLE-21

MORTALITY STATISTICS FOR 1989

NORTH CAROLINA RESIDENTS

INFANT DEATHS(PER 1000 LIVE BIRTHS)

GEOGRAPHICAL AREA	NUMBER OF DEATHS 1989	DEATH RATE* 1989	NUMBER OF DEATHS 1985-89	DEATH RATE* 1985-89	ADJUSTED DEATH RATE* 1985-89
NORTH CAROLINA	1171	11.5	5651	12.0	0.0
REGIONS					
D.E.H.N.R. I	94	10.1	442	10.0	0.0
D.E.H.N.R. II	232	10.6	1192	11.9	0.0
D.E.H.N.R. III	218	11.5	1019	11.6	0.0
D.E.H.N.R. IV	259	12.7	1185	13.0	0.0
D.E.H.N.R. V	155	11.6	783	12.6	0.0
D.E.H.N.R. VI	106	10.7	583	12.3	0.0
D.E.H.N.R. VII	107	13.0	447	11.2	0.0
COUNTIES					
1 ALAMANCE	17	11.1	66	9.3	0.0
2 ALEXANDER	0	0.0	15	9.0	0.0
3 ALLEGHANY	0	0.0	6	13.3	0.0
4 ANSON	6	15.3	27	14.9	0.0
5 ASHE	1	3.9	12	10.6	0.0
6 AVERY	3	16.0	6	6.2	0.0
7 BEAUFORT	2	3.4	31	10.9	0.0
8 BERTIE	2	6.5	20	12.9	0.0
9 BLADEN	3	6.6	27	13.9	0.0
10 BRUNSWICK	7	9.9	24	7.1	0.0
11 BUNCOMBE	17	7.1	101	9.0	0.0
12 BURKE	9	9.1	42	9.0	0.0
13 CABARRUS	12	8.6	70	10.7	0.0
14 CALDWELL	19	19.8	63	13.5	0.0
15 CAMDEN	1	10.4	2	5.3	0.0
16 CARTERET	5	7.2	39	11.0	0.0
17 CASWELL	4	14.9	11	8.5	0.0
18 CATAWBA	25	14.6	100	12.7	0.0
19 CHATHAM	3	5.3	25	9.2	0.0
20 CHEROKEE	1	5.0	8	7.6	0.0
21 CHOWAN	0	0.0	5	5.3	0.0
22 CLAY	0	0.0	3	8.4	0.0
23 CLEVELAND	22	16.3	89	14.6	0.0
24 COLUMBUS	18	23.0	50	13.4	0.0
25 CRAVEN	15	9.4	91	11.4	0.0
26 CUMBERLAND	70	12.2	345	12.6	0.0
27 CURRITUCK	2	10.4	16	16.5	0.0
28 DARE	1	2.9	9	5.9	0.0
29 DAVIDSON	20	11.8	88	10.8	0.0
30 DAVIE	3	10.1	11	7.2	0.0
31 DUPLIN	8	13.1	38	13.1	0.0
32 DURHAM	42	13.5	163	12.1	0.0
33 EDGECOMBE	16	16.2	76	16.7	0.0
34 FORSYTH	54	13.5	246	13.3	0.0
35 FRANKLIN	9	17.9	36	15.2	0.0
36 GASTON	23	8.4	157	12.3	0.0
37 GATES	2	14.8	10	15.2	0.0
38 GRAHAM	3	25.4	4	8.4	0.0
39 GRANVILLE	4	7.0	37	14.1	0.0
40 GREENE	4	20.8	16	16.1	0.0
41 GUILFORD	68	12.9	312	13.2	0.0

* SEE SECTION II

MORTALITY STATISTICS FOR 1989, NORTH CAROLINA RESIDENTS
INFANT DEATHS(PER 1000 LIVE BIRTHS) CONT'D.

COUNTIES (CONT'D)	NUMBER OF DEATHS 1989	DEATH RATE* 1989	NUMBER OF DEATHS 1985-89	DEATH RATE* 1985-89	ADJUSTED DEATH RATE* 1985-89
42 HALIFAX	16	17.3	67	15.8	0.0
43 HARNETT	10	7.9	66	11.4	0.0
44 HAYWOOD	4	7.3	22	8.3	0.0
45 HENDERSON	8	9.7	45	11.4	0.0
46 HERTFORD	5	13.2	20	11.4	0.0
47 HOKE	6	13.0	19	9.8	0.0
48 HYDE	1	13.5	5	14.8	0.0
49 IREDELL	9	6.4	78	12.8	0.0
50 JACKSON	4	13.1	18	12.7	0.0
51 JOHNSTON	12	9.6	60	10.8	0.0
52 JONES	2	13.2	11	16.0	0.0
53 LEE	10	15.4	40	12.9	0.0
54 LENOIR	10	12.2	55	13.9	0.0
55 LINCOLN	6	8.6	28	8.5	0.0
56 MCDOWELL	3	6.0	27	11.7	0.0
57 MACON	2	8.2	13	11.0	0.0
58 MADISON	4	22.1	9	10.0	0.0
59 MARTIN	1	2.8	19	10.5	0.0
60 MECKLENBURG	104	12.2	470	12.2	0.0
61 MITCHELL	1	5.9	5	5.5	0.0
62 MONTGOMERY	3	7.9	23	14.2	0.0
63 MOORE	9	11.2	37	10.0	0.0
64 NASH	15	12.7	83	14.9	0.0
65 NEW HANOVER	22	13.4	79	10.2	0.0
66 NORTHAMPTON	6	17.5	26	17.3	0.0
67 ONSLOW	41	12.2	196	11.7	0.0
68 ORANGE	13	11.1	60	11.1	0.0
69 PAMLICO	1	7.1	10	14.0	0.0
70 PASQUOTANK	5	9.8	23	9.6	0.0
71 PENDER	6	14.9	21	12.0	0.0
72 PERQUIMANS	2	13.1	10	13.5	0.0
73 PERSON	5	11.1	23	11.3	0.0
74 PITT	29	16.9	119	15.4	0.0
75 POLK	1	6.3	13	18.8	0.0
76 RANDOLPH	16	10.4	71	10.0	0.0
77 RICHMOND	8	12.0	46	15.0	0.0
78 ROBESON	20	10.6	122	13.5	0.0
79 ROCKINGHAM	9	7.5	57	9.9	0.0
80 ROWAN	14	9.1	81	11.2	0.0
81 RUTHERFORD	12	14.6	37	9.8	0.0
82 SAMPSON	12	16.7	38	11.8	0.0
83 SCOTLAND	8	14.1	33	12.6	0.0
84 STANLY	6	8.4	31	9.0	0.0
85 STOKES	5	10.4	17	7.7	0.0
86 SURRY	6	7.2	47	12.5	0.0
87 SWAIN	1	4.9	9	10.1	0.0
88 TRANSYLVANIA	2	6.9	11	7.8	0.0
89 TYRRELL	0	0.0	4	13.6	0.0
90 UNION	11	7.4	73	11.7	0.0
91 VANCE	15	21.1	46	15.0	0.0
92 WAKE	81	11.9	376	12.9	0.0
93 WARREN	2	8.4	23	19.4	0.0
94 WASHINGTON	3	13.8	21	19.5	0.0
95 WATAUGA	1	2.8	14	7.6	0.0
96 WAYNE	18	10.6	86	10.7	0.0
97 WILKES	13	17.2	48	13.0	0.0
98 WILSON	10	9.8	44	9.4	0.0
99 YADKIN	1	2.6	13	7.3	0.0
100 YANCEY	0	0.0	6	6.8	0.0

* SEE SECTION II

INFANT DEATHS

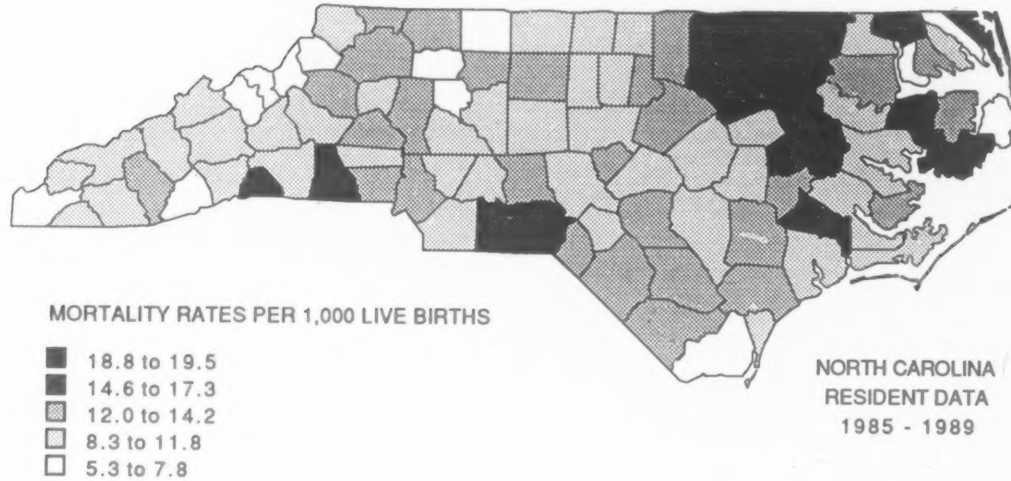

MORTALITY RATES PER 1,000 LIVE BIRTHS
■ 18.8 to 19.5
■ 14.6 to 17.3
▨ 12.0 to 14.2
▨ 8.3 to 11.8
☐ 5.3 to 7.8
NORTH CAROLINA
RESIDENT DATA
1985 - 1989

FIGURE 17

VI. TABLES AND FIGURES: MULTIPLE CONDITIONS PRESENT AT DEATH 1985-89

TABLE 22

DEATHS BY SELECTED UNDERLYING CAUSE WITH FREQUENCY OF MENTIONED CONDITIONS, NORTH CAROLINA RESIDENTS, 1989

	Underlying Cause of Death	Total Under-lying*	Conditions Mentioned on Death Certificate (Numbers Refer to Row Titles)														
			1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
1	Diseases of heart	18,961	18,959	1,919	7,673	774	19	17	93	3	8	17	151	3	90	5	11
2	Cerebrovascular disease	4,613	1,294	4,613	1,288	159	0	7	25	0	3	4	20	2	21	4	1
3	Atherosclerosis	369	235	1	369	12	0	1	2	1	0	0	1	0	2	0	0
4	Cancer	12,969	2,612	354	454	12,969	253	310	1,385	173	630	120	3,876	169	1,129	148	321
5	Lip	238	48	6	12	238	238	0	0	0	0	3	3	0	0	0	0
6	Stomach	304	69	12	16	304	0	304	0	0	0	0	0	0	0	0	0
7	Colon, rectum, rectosigmoid junction & anus	1,349	260	29	47	1,349	1	0	1,349	0	2	1	5	0	5	2	5
8	Liver	172	31	3	6	172	0	1	1	172	0	0	0	1	0	0	0
9	Pancreas	624	113	16	22	624	0	0	3	0	624	0	2	0	0	0	1
10	Larynx	104	29	4	8	104	0	0	0	0	0	104	1	0	0	0	0
11	Trachea, bronchus and lung	3,843	728	73	135	3,843	5	1	7	0	0	9	3,843	3	7	1	0
12	Malignant melanoma	164	21	4	2	164	0	0	0	0	0	0	1	164	1	0	0
13	Female breast	1,099	163	29	19	1,099	1	1	5	0	0	1	3	0	1,099	2	2
14	Cervix uteri	143	39	4	6	143	0	0	0	0	0	0	0	0	0	143	0
15	Ovary & other uterine adnexa	307	70	4	8	307	1	0	2	0	0	0	1	0	3	0	307
16	Prostate	891	254	40	49	891	0	1	8	0	1	0	3	0	0	0	0
17	Bladder	218	51	12	15	218	0	0	0	0	0	0	1	0	0	0	0
18	Brain tumors	304	59	15	9	270	0	0	0	0	0	0	1	0	0	0	0
19	Non-Hodgkins lymphoma	456	88	8	9	456	0	0	3	0	0	0	1	0	1	0	1
20	Leukemia	490	117	43	20	490	0	0	4	0	2	0	5	0	2	0	2
21	Diabetes Mellitus	1,372	917	295	408	30	0	1	5	0	1	0	2	0	2	0	1
22	Pneumonia & Influenza	1,900	648	260	188	102	2	1	11	1	3	0	20	0	10	0	2
23	Chronic obstructive pulmonary disease & allied cond.	1,930	895	98	185	107	2	2	8	1	2	2	50	1	9	0	0
24	Chronic liver disease and cirrhosis	760	142	16	23	12	1	0	3	3	0	1	1	1	0	0	0
25	Septicemia	526	210	63	27	24	1	0	3	0	0	0	6	0	3	0	0
26	Nephritis, nephrotic syndrome & nephrosis	535	294	44	65	12	0	0	1	0	0	0	2	0	1	0	1
27	Motor vehicle injuries—unintentional injuries	1,580	86	4	7	3	0	0	1	0	0	0	0	0	1	0	0
28	All other unintentional injuries & adverse effects	1,597	339	57	67	29	0	0	5	0	0	2	6	0	0	0	0
29	Suicide	871	28	3	2	15	0	0	2	0	1	1	2	0	1	0	0
30	Homicide	704	28	1	5	2	0	0	0	0	0	0	0	0	0	0	0
	TOTAL DEATHS**	57,438	29,367	8,340	11,530	14,506	285	341	1,575	182	656	154	4,169	181	1,298	158	341

TABLE 22 — continued

DEATHS BY SELECTED UNDERLYING CAUSE WITH FREQUENCY OF MENTIONED CONDITIONS, NORTH CAROLINA RESIDENTS, 1989

	Underlying Cause of Death	Conditions Mentioned on Death Certificate (Numbers Refer to Row Titles)																
		16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	Alcohol	Hyper-tension
1	Diseases of heart	129	34	4	41	41	1,949	767	1,549	97	276	801	12	501	0	0	226	2,587
2	Cerebrovascular disease	34	7	1	0	6	418	433	179	11	175	115	4	238	0	1	29	837
3	Atherosclerosis	4	0	0	0	1	25	27	24	1	13	62	1	23	0	0	1	0
4	Cancer	939	237	276	475	519	448	763	831	61	481	462	1	300	1	0	50	354
5	Lip	1	1	0	0	1	2	12	14	2	4	3	0	12	0	0	5	5
6	Stomach	2	0	0	0	0	9	13	5	0	6	3	0	4	0	0	1	5
7	Colon, rectum, rectosigmoid junction & anus	8	4	1	1	4	53	51	38	1	41	43	0	31	0	0	2	34
8	Liver	1	0	0	0	0	9	4	6	26	7	9	0	2	0	0	3	5
9	Pancreas	6	0	0	0	2	35	17	20	2	17	17	0	9	0	0	1	17
10	Larynx	0	0	0	0	1	3	2	10	3	3	1	0	9	0	0	3	4
11	Trachea, bronchus and lung	15	6	3	6	7	102	295	538	16	69	48	0	76	0	0	22	87
12	Malignant melanoma	0	0	0	0	0	3	7	2	0	2	4	0	4	0	0	0	7
13	Female breast	0	0	0	0	2	39	35	13	4	24	16	0	18	0	0	0	36
14	Cervix uteri	0	0	0	0	0	8	6	6	1	7	15	0	4	0	0	2	9
15	Ovary & other uterine adnexa	0	1	1	0	0	12	11	6	0	12	11	0	3	0	0	0	10
16	Prostate	891	3	0	2	3	37	66	47	0	28	82	0	19	0	0	1	38
17	Bladder	6	218	0	0	1	8	10	10	0	6	29	0	9	0	0	0	9
18	Brain tumors	0	1	270	0	0	13	22	5	0	8	3	0	21	0	0	0	12
19	Non-Hodgkins lymphoma	4	0	0	456	7	16	37	7	2	55	31	0	14	1	0	0	8
20	Leukemia	3	0	0	7	490	18	52	15	1	81	24	0	22	0	0	0	6
21	Diabetes Mellitus	5	0	0	1	2	1,372	83	37	15	120	211	0	31	0	0	11	304
22	Pneumonia & Influenza	18	5	1	2	11	122	1,900	149	17	239	115	0	31	0	0	37	66
23	Chronic obstructive pulmonary disease & allied cond.	14	1	0	3	1	83	355	1,930	14	52	62	0	61	0	0	36	85
24	Chronic liver disease and cirrhosis	0	0	0	0	1	53	44	20	755	37	79	0	17	0	1	403	18
25	Septicemia	7	1	0	0	0	34	44	20	10	526	80	0	20	0	0	10	16
26	Nephritis, nephrotic syndrome & nephrosis	0	0	0	1	2	33	57	28	9	44	534	1	23	0	0	9	10
27	Motor vehicle injuries—unintentional injuries	0	0	0	0	1	5	3	5	6	13	6	1,580	5	0	0	96	5
28	All other unintentional injuries & adverse effects	6	0	1	1	6	44	47	43	18	64	24	0	1,597	0	0	236	34
29	Suicide	2	1	0	0	0	6	3	9	1	1	2	0	2	871	0	50	5
30	Homicide	0	0	0	0	1	0	2	1	1	4	2	0	1	0	704	21	0
	TOTAL DEATHS**	1,199	294	287	538	609	4,992	5,236	5,192	1,127	3,088	3,105	1,604	3,536	878	707	1,601	4,943

*Numbers shown here are the final underlying frequencies. They are sometimes larger than numbers shown on the diagonal due to the fact that a sequence of conditions may imply an underlying cause that is not specifically mentioned on the death certificate.

**Differences between these totals and the summation over causes are attributable to causes not given in the table.

Note: In this table, a death is counted only once in a condition category although several conditions within the category may have been reported or a single condition may have been recorded more than once on the death certificate.

TABLE 23

NUMBER OF DEATHS WITH SELECTED PAIRS OF CONDITIONS MENTIONED TOGETHER, NORTH CAROLINA RESIDENTS, 1989

	Conditions Mentioned on Death Certificate	Conditions Mentioned on Death Certificate (Numbers Refer to Row Titles)														
		1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
1	Diseases of heart	21,672	3,164	7,349	3,011	57	75	335	28	113	37	731	21	254	43	78
2	Cerebrovascular disease	3,164	8,340	2,767	609	11	21	71	4	20	10	106	8	63	8	5
3	Atherosclerosis	7,349	2,767	11,530	894	24	32	114	9	28	14	206	4	76	12	12
4	Cancer	3,011	609	894	14,506	285	341	1,575	182	656	154	4,169	181	1,298	158	341
5	Lip	57	11	24	285	285	0	2	0	0	4	8	0	2	0	1
6	Stomach	75	21	32	341	0	341	0	1	0	0	1	0	1	0	0
7	Colon, rectum, rectosigmoid junction & anus	335	71	114	1,575	2	0	1,575	1	6	2	15	0	16	2	7
8	Liver	28	4	9	182	0	1	1	182	0	0	0	1	0	0	0
9	Pancreas	113	20	28	656	0	0	6	0	656	0	2	0	0	0	1
10	Larynx	37	10	14	154	4	0	2	0	0	154	13	0	1	0	0
11	Trachea, bronchus and lung	731	106	206	4,169	8	1	15	0	2	13	4,169	4	10	2	1
12	Malignant melanoma	21	8	4	181	0	0	0	1	0	0	4	181	2	0	0
13	Female breast	254	63	76	1,298	2	1	16	0	0	1	10	2	1,298	3	5
14	Cervix uteri	43	8	12	158	0	0	2	0	0	0	2	0	3	158	0
15	Ovary & other uterine adnexa	78	5	12	341	1	0	7	0	1	0	1	0	5	0	341
16	Prostate	371	102	135	1,199	2	4	17	1	7	2	22	0	0	0	0
17	Bladder	74	23	35	294	1	0	6	0	0	0	8	0	0	0	1
18	Brain tumors	54	12	13	287	0	0	1	0	0	0	5	0	0	0	1
19	Non-Hodgkins lymphoma	123	8	20	538	0	0	6	0	0	0	7	0	2	0	1
20	Leukemia	143	57	39	609	1	0	8	0	4	1	13	0	5	0	2
21	Diabetes Mellitus	2,566	1,116	1,649	580	4	13	77	9	37	5	114	4	62	9	15
22	Pneumonia & Influenza	1,851	1,002	874	956	17	16	77	6	21	5	333	8	53	6	15
23	Chronic obstructive pulmonary disease & allied cond.	2,464	464	1,156	1,079	22	10	61	7	24	21	648	4	33	7	6
24	Chronic liver disease and cirrhosis	254	40	71	81	3	0	5	29	3	4	19	1	4	1	0
25	Septicemia	949	447	339	568	7	6	56	7	18	6	85	4	34	8	15
26	Nephritis, nephrotic syndrome & nephrosis	1,510	324	637	542	5	3	56	12	20	1	64	4	19	15	14
27	Motor vehicle injuries—unintentional injuries	85	8	13	4	0	0	1	0	0	0	0	0	1	0	0
28	All other unintentional injuries & adverse effects	1,024	431	469	385	16	5	43	2	9	13	90	5	23	4	5
29	Suicide	23	3	2	16	0	0	2	0	1	1	2	0	1	0	0
30	Homicide	24	2	5	2	0	0	0	0	0	0	0	0	0	0	0
31	Alcohol-related conditions	312	74	92	63	6	1	4	4	1	4	24	1	0	2	0
32	Hypertension with or without renal disease	2,907	1,562	1,380	507	9	10	61	5	19	8	107	9	56	11	10
	TOTAL DEATHS**	21,672	8,340	11,530	14,506	285	341	1,575	182	656	154	4,169	181	1,298	158	341

TABLE 23 — Continued

NUMBER OF DEATHS WITH SELECTED PAIRS OF CONDITIONS MENTIONED TOGETHER, NORTH CAROLINA RESIDENTS, 1989

	Conditions Mentioned on Death Certificate	Conditions Mentioned on Death Certificate (Numbers Refer to Row Titles)																
		16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	32
1	Diseases of heart	371	74	54	123	143	2,566	1,851	2,464	254	949	1,510	85	1,024	23	24	312	2,907
2	Cerebrovascular disease	102	23	12	8	57	1,116	1,002	464	40	447	324	8	431	3	2	74	1,562
3	Atherosclerosis	135	35	13	20	39	1,649	874	1,156	71	339	637	13	469	2	5	92	1,380
4	Cancer	1,199	294	287	538	609	580	956	1,079	81	568	542	4	385	16	2	63	507
5	Lip	2	1	0	0	1	4	17	22	3	7	5	0	16	0	0	6	9
6	Stomach	4	0	0	0	0	13	16	10	0	6	3	0	5	0	0	1	10
7	Colon, rectum, rectosigmoid junction & anus	17	6	1	6	8	77	77	61	5	56	56	1	43	2	0	4	61
8	Liver	1	0	0	0	0	9	6	7	29	7	12	0	2	0	0	4	5
9	Pancreas	7	0	0	0	4	37	21	24	3	18	20	0	9	1	0	1	19
10	Larynx	2	0	0	0	1	5	5	21	4	6	1	0	13	1	0	4	8
11	Trachea, bronchus and lung	22	8	5	7	13	114	333	648	19	85	64	0	90	2	0	24	107
12	Malignant melanoma	0	0	0	0	0	4	8	4	1	4	4	0	5	0	0	1	9
13	Female breast	0	0	0	2	5	62	53	33	4	34	19	1	23	1	0	0	56
14	Cervix uteri	0	0	0	0	0	9	6	7	1	8	15	0	4	0	0	2	11
15	Ovary & other uterine adnexa	0	1	1	1	2	15	15	6	0	15	14	0	5	0	0	0	10
16	Prostate	1,199	10	0	6	7	66	107	92	3	42	98	0	32	2	0	4	72
17	Bladder	10	294	2	0	1	14	17	18	0	11	38	0	13	1	0	0	19
18	Brain tumors	0	2	287	0	0	11	22	6	0	10	2	0	12	0	0	0	13
19	Non-Hodgkins lymphoma	6	0	0	538	14	19	50	12	3	58	33	0	18	1	0	1	8
20	Leukemia	7	1	0	14	609	27	73	24	2	88	30	1	31	0	1	0	14
21	Diabetes Mellitus	66	14	11	19	27	4,992	412	318	92	357	480	9	199	6	0	64	1,212
22	Pneumonia & Influenza	107	17	22	50	73	412	5,236	790	87	551	370	4	226	4	2	122	264
23	Chronic obstructive pulmonary disease & allied cond.	92	18	6	12	24	318	790	5,192	58	180	238	6	232	10	1	108	422
24	Chronic liver disease and cirrhosis	3	0	0	3	2	92	87	58	1,127	77	112	6	48	1	2	505	40
25	Septicemia	42	11	10	58	88	357	551	180	77	3,088	385	13	250	1	4	76	149
26	Nephritis, nephrotic syndrome & nephrosis	98	38	2	33	30	480	370	238	112	385	3,105	7	154	2	2	81	95
27	Motor vehicle injuries—unintentional injuries	0	0	0	0	1	9	4	6	6	13	7	1,604	5	0	0	97	6
28	All other unintentional injuries & adverse effects	32	13	12	18	31	199	226	232	48	250	154	5	3,536	2	1	285	165
29	Suicide	2	1	0	1	0	6	4	10	1	1	2	0	2	878	0	50	5
30	Homicide	0	0	0	0	1	0	2	1	2	4	2	0	1	0	707	22	0
31	Alcohol-related conditions	4	0	0	1	0	64	122	108	505	76	81	97	285	50	22	1,601	85
32	Hypertension with or without renal disease	72	19	13	8	14	1,212	264	422	40	149	95	6	165	5	0	85	4,943
	TOTAL DEATHS*	1,199	294	287	538	609	4,992	5,236	5,192	1,127	3,088	3,105	1,604	3,536	878	707	1,601	4,943

*Differences between these totals and the summation over causes are attributable to causes not given in the table and to multiple counting of a condition if it appears in combination with more than one other condition on a certificate.

Note: In this table, a death is counted only once in a condition category although several conditions within the category may have been reported or a single condition may have been recorded more than once on the death certificate. Also, the ICD-9 codes used to count hypertension and atherosclerosis mentions are different from the codes used to count underlying cause elsewhere in this report. For further explanation, see *Multiple Conditions Present at Death: A Special Study*, SCHS, 1982.

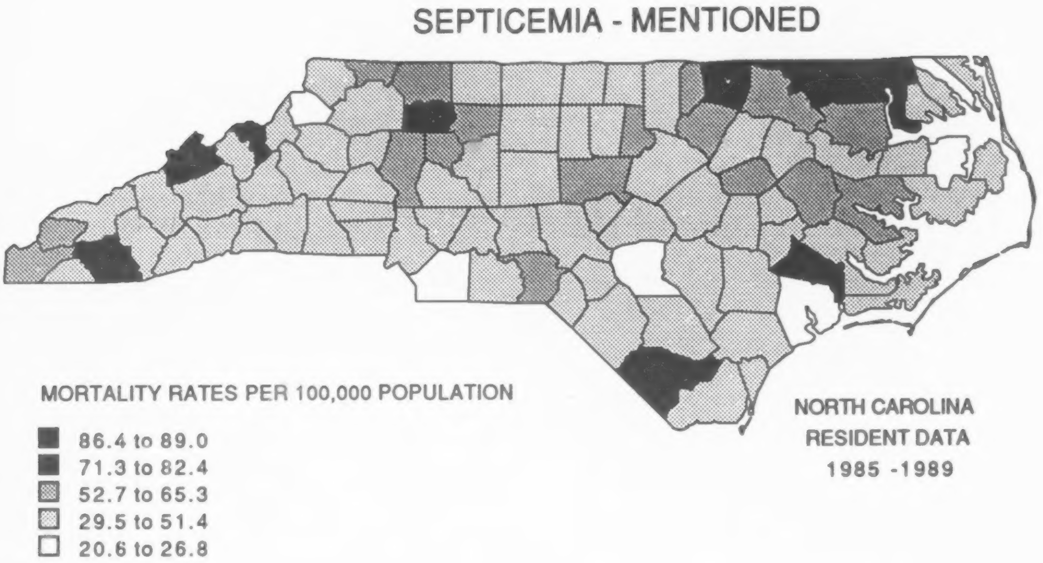

SEPTICEMIA - MENTIONED
MORTALITY RATES PER 100,000 POPULATION
■ 86.4 to 89.0
■ 71.3 to 82.4
▨ 52.7 to 65.3
░ 29.5 to 51.4
□ 20.6 to 26.8
NORTH CAROLINA
RESIDENT DATA
1985 -1989

FIGURE 18.A

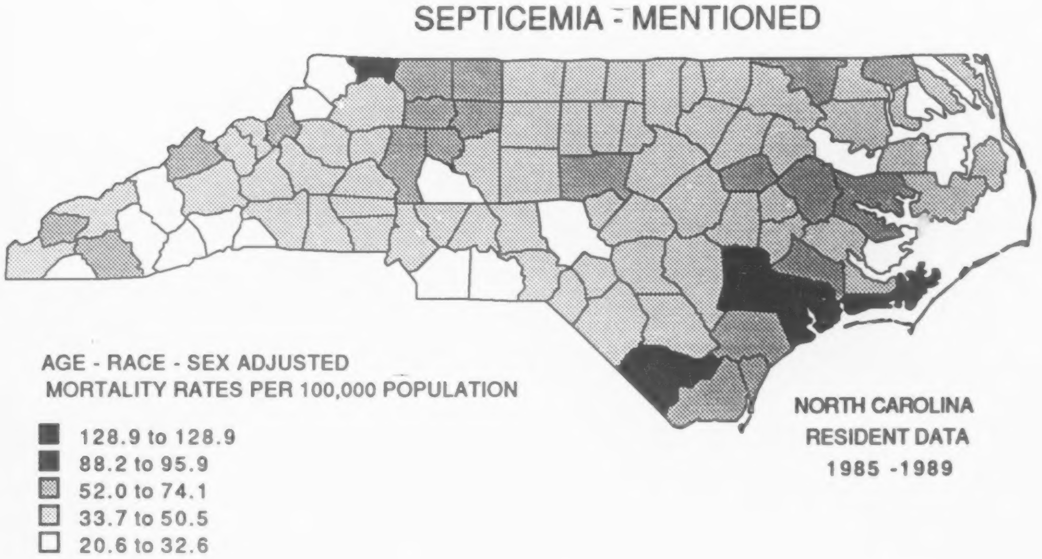

SEPTICEMIA - MENTIONED
AGE - RACE - SEX ADJUSTED
MORTALITY RATES PER 100,000 POPULATION
■ 128.9 to 128.9
■ 88.2 to 95.9
▨ 52.0 to 74.1
░ 33.7 to 50.5
□ 20.6 to 32.6
NORTH CAROLINA
RESIDENT DATA
1985 -1989

FIGURE 18.B

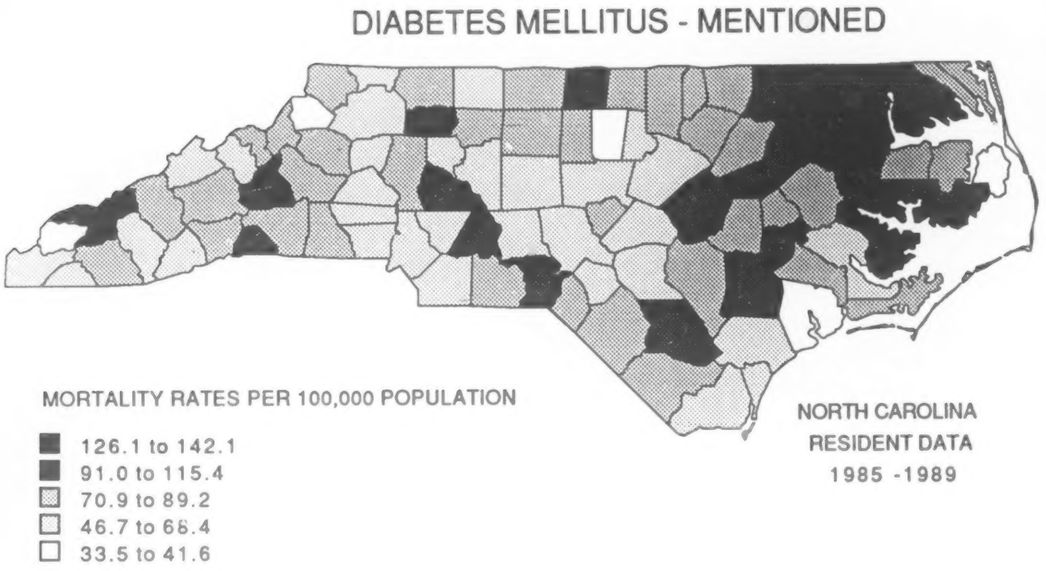

DIABETES MELLITUS - MENTIONED
MORTALITY RATES PER 100,000 POPULATION
■ 126.1 to 142.1
■ 91.0 to 115.4
▨ 70.9 to 89.2
▨ 46.7 to 68.4
☐ 33.5 to 41.6
NORTH CAROLINA
RESIDENT DATA
1985 -1989

FIGURE 19.A

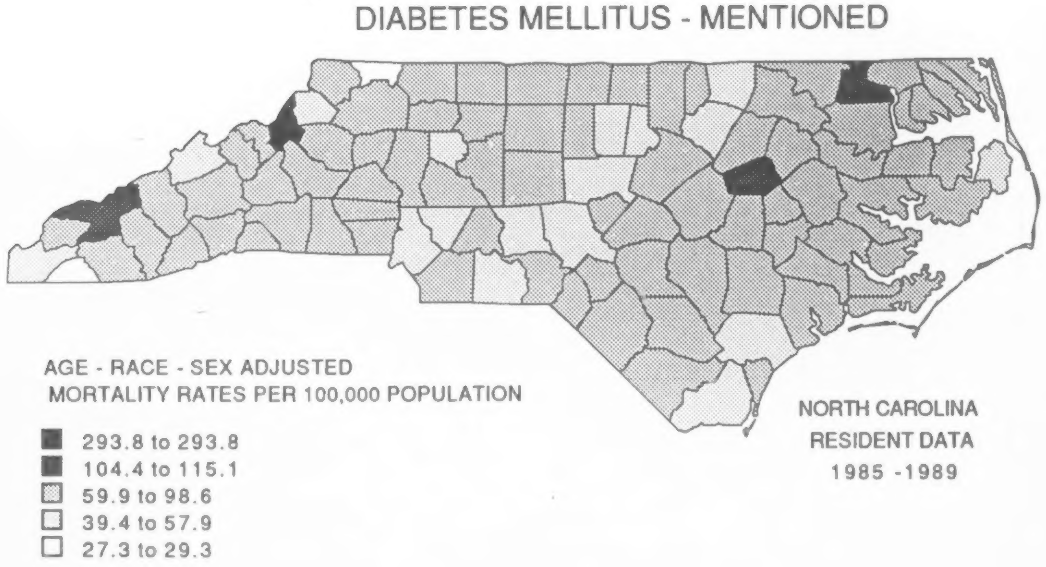

DIABETES MELLITUS - MENTIONED
AGE - RACE - SEX ADJUSTED
MORTALITY RATES PER 100,000 POPULATION
■ 293.8 to 293.8
■ 104.4 to 115.1
▨ 59.9 to 98.6
▨ 39.4 to 57.9
☐ 27.3 to 29.3
NORTH CAROLINA
RESIDENT DATA
1985 -1989

FIGURE 19.B

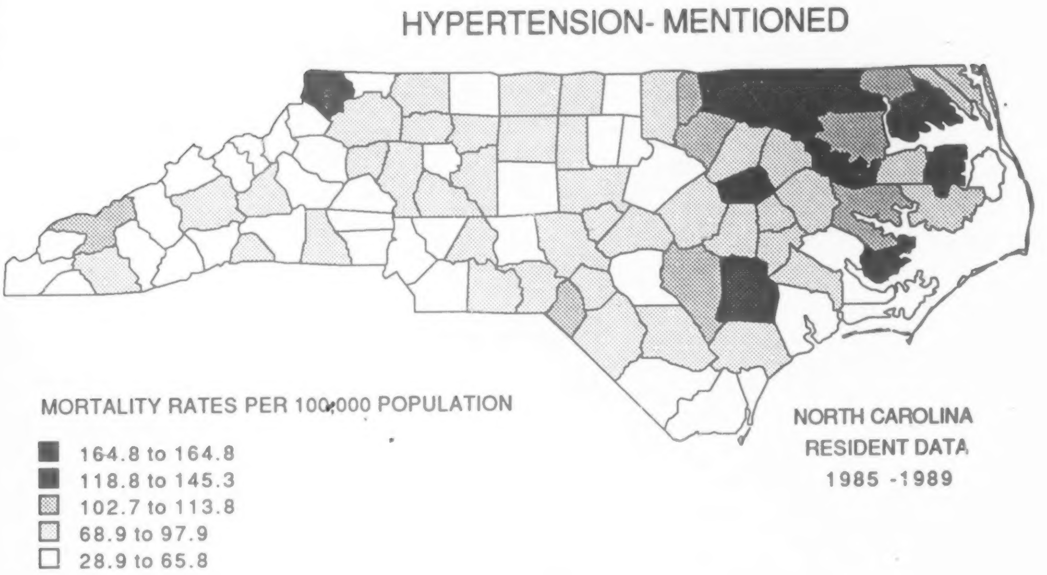

HYPERTENSION- MENTIONED
MORTALITY RATES PER 100,000 POPULATION
164.8 to 164.8
118.8 to 145.3
102.7 to 113.8
68.9 to 97.9
28.9 to 65.8
NORTH CAROLINA
RESIDENT DATA
1985 -1989

FIGURE 20.A

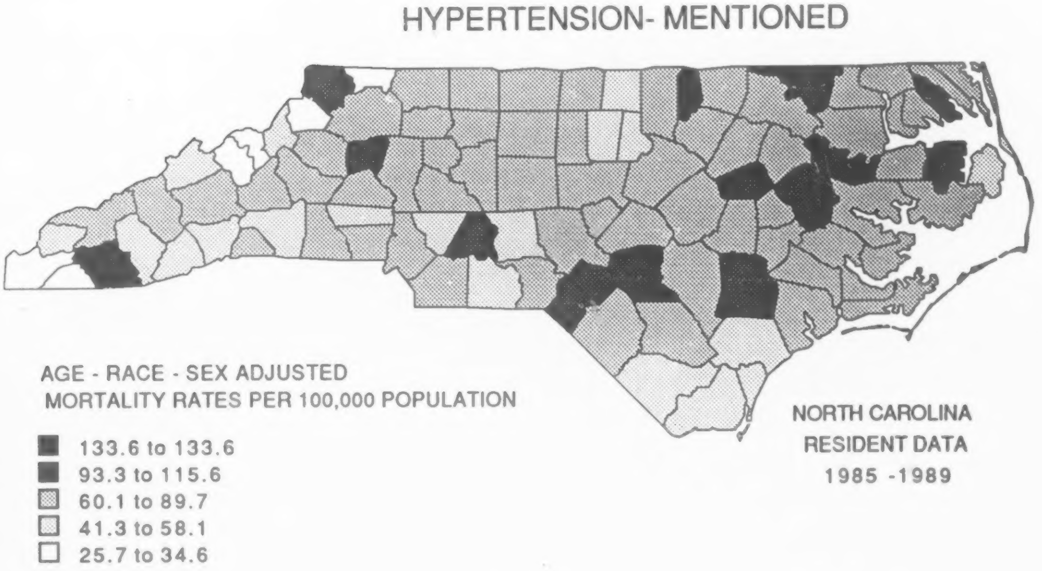

HYPERTENSION- MENTIONED
AGE - RACE - SEX ADJUSTED
MORTALITY RATES PER 100,000 POPULATION
133.6 to 133.6
93.3 to 115.6
60.1 to 89.7
41.3 to 58.1
25.7 to 34.6
NORTH CAROLINA
RESIDENT DATA
1985 -1989

FIGURE 20.B

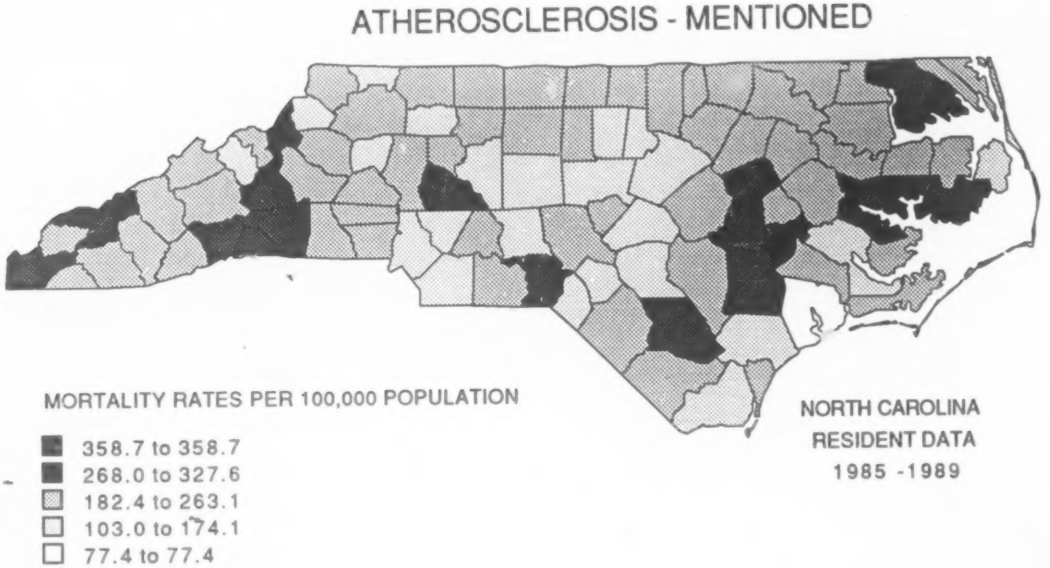

ATHEROSCLEROSIS - MENTIONED
MORTALITY RATES PER 100,000 POPULATION
■ 358.7 to 358.7
■ 268.0 to 327.6
▨ 182.4 to 263.1
▨ 103.0 to 174.1
☐ 77.4 to 77.4
NORTH CAROLINA
RESIDENT DATA
1985 -1989

FIGURE 21.A

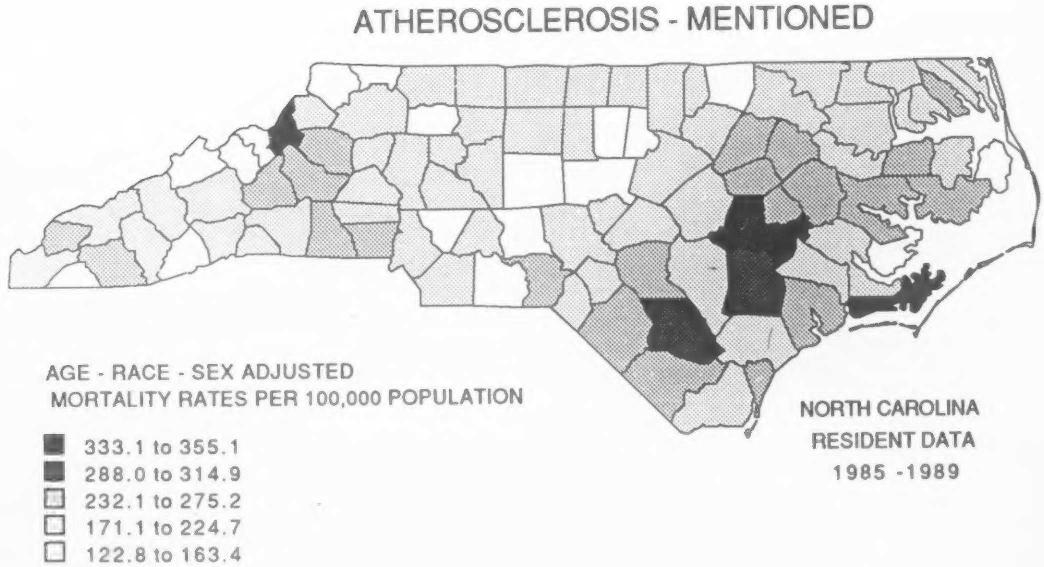
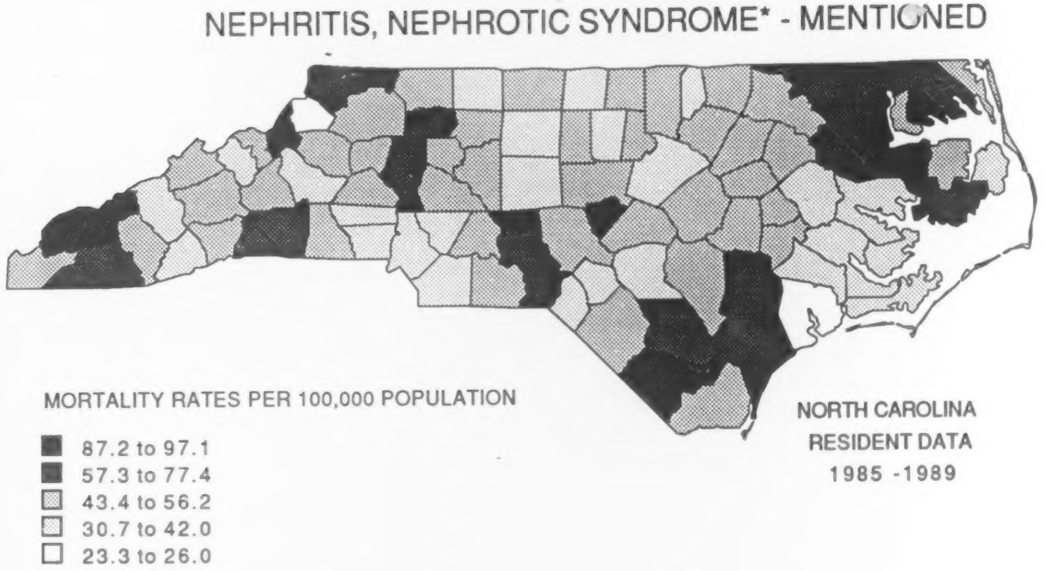

ATHEROSCLEROSIS - MENTIONED
AGE - RACE - SEX ADJUSTED
MORTALITY RATES PER 100,000 POPULATION
■ 333.1 to 355.1
■ 288.0 to 314.9
▨ 232.1 to 275.2
☐ 171.1 to 224.7
☐ 122.8 to 163.4
NORTH CAROLINA
RESIDENT DATA
1985 -1989

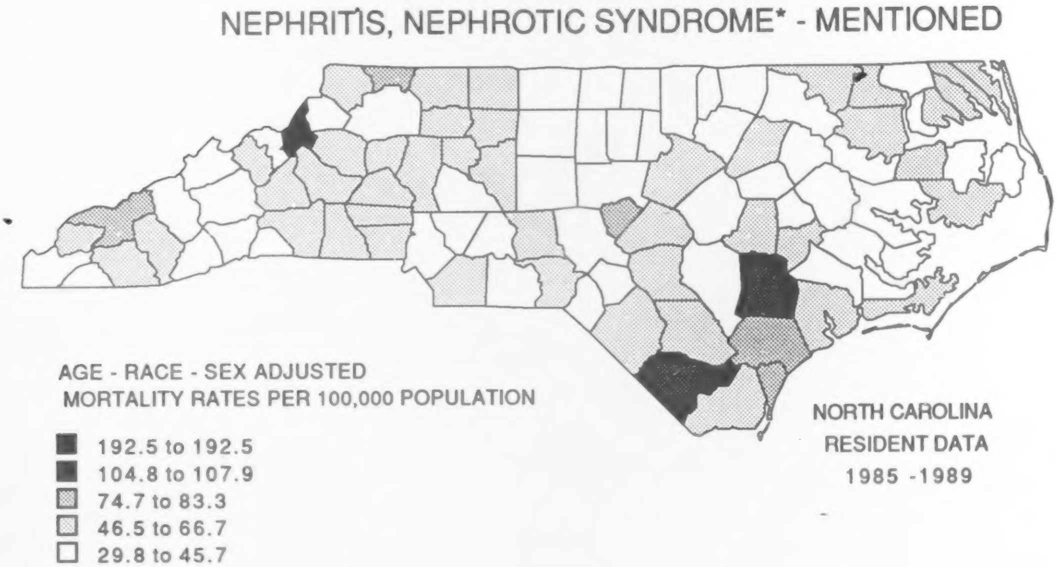
FIGURE 21.B


NEPHRITIS, NEPHROTIC SYNDROME* - MENTIONED

MORTALITY RATES PER 100,000 POPULATION
■ 87.2 to 97.1
■ 57.3 to 77.4
▨ 43.4 to 56.2
▨ 30.7 to 42.0
□ 23.3 to 26.0
NORTH CAROLINA
RESIDENT DATA
1985 -1989

FIGURE 22.A

* Nephritis, nephrotic syndrome and nephrosis


NEPHRITIS, NEPHROTIC SYNDROME* - MENTIONED

AGE - RACE - SEX ADJUSTED
MORTALITY RATES PER 100,000 POPULATION
■ 192.5 to 192.5
■ 104.8 to 107.9
▨ 74.7 to 83.3
▨ 46.5 to 66.7
□ 29.8 to 45.7
NORTH CAROLINA
RESIDENT DATA
1985 -1989

FIGURE 22.B

* Nephritis, nephrotic syndrome and nephrosis

VII. REFERENCES

1. SAS Institute Inc. *SAS User's Guide: Statistics, 1982 Edition*, Cluster Procedure. Cary, N.C., 1982.

2. Kleinman, J.C. "Infant Mortality," *Statistical Notes for Health Planners*. Number 2, National Center for Health Statistics, Rockville, Maryland, July 1976.